

APPENDIX F

QUALITY ASSURANCE REPORT FOR ANALYTICAL DATA

Quality Assurance Report
For Site Investigation Performed at Old Toxic Training Area
Parcel 188(7)
IT Project No 796887

1.0 Overview

Nine soil samples and five groundwater samples were collected in support of the investigation at Fort McClellan (FTMC) Parcel CWM-188, Old Toxic Training Area. Samples were submitted to EMAX Laboratories, Inc. for analysis. QC samples consisted of the following types and quantities: 2 field duplicates, 2 matrix spike/matrix spike duplicate (MS/MSD) pairs, 3 trip blanks and 3 equipment rinsates. Analytical summaries cross-referencing sample location, sample number, and contaminants of concern is presented in Attachment A.

One hundred (100%) percent of samples were validated and reviewed in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Evaluating Inorganic Data Review (EPA, February 1994) and USEPA Contract Laboratory Program National Functional Guidelines for Organic Review (EPA, October 1999) for all areas except blanks. Region III Laboratory Data Validation Functional Guidelines for Inorganic Analyses (EPA, April 1993) and Region III National Functional Guidelines for Organic Data Review (EPA, June 1992) were applied to the areas associated with blank contamination. Data qualifiers assigned to results were based on guidance outlined in the referenced documents and the *Installation-Wide Sampling and Analysis Plan* (IT, March 2000) for FTMC.

Table 1.0-1
Laboratory Data Qualifier Definitions

Data Qualifier	Laboratory Data Qualifier Definition
B	Analyte detected in method blank at concentration greater than the reporting limit (and greater than zero).
C	Confirming data obtained using second GC column or GC/MS.
E	Analyte concentration exceeded calibration range.
I	Analyte identification suspect. See narrative for explanation.
J	Result is less than or equal to specified reporting limit but greater than the method detection limit (MDL).
P	Analyte not confirmed. Results from primary and secondary GC columns differ by greater than 10 percent
S	Analyte concentration obtained using Method of Standard Additions (MSA).
U	Not detected. The value represented indicates the reporting limit for the analysis.
D	Sample analyzed as a dilution. The result reported has been calculated using the appropriate dilution factor.
No Code	Confirmed identification.

Table 1.0-2
Validation Data Qualifier Definitions

Validation Qualifier	Validation Data Qualifier Definition
U	Not detected. The associated number indicates approximate sample concentration necessary to be detected.
No Code	Confirmed identification.
B	Not detected substantially above the level reported in laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
N	Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.
J	Analyte present. Reported value may not be accurate or precise. Considered an estimate.
NJ	Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.
NV	Result was not validated.

The Data Validation Summary Report is presented in Attachment B.

2.0 Summary

Data were evaluated to verify compliance with precision, accuracy, representativeness, comparability, completeness, and sensitivity. To verify that project data quality objectives (DQO) were met, laboratory analytical results and data packages were examined for compliance with SW846 8260B, 8270C, 6010B/7470A/7471A and Chemical Warfare Degradates by 8270 Modified (M) and 8321 quality control (QC) method. Laboratory nonconformances and discrepancies in the data were also examined to determine their impact on the data. The results of this review are presented in the following sections.

2.1 Sample Receipt and Analytical Holding Times

All sample results generated by the laboratory during this investigation have been reviewed with respect to condition of samples as received by the laboratory, chain-of-custody, and analysis holding times. All coolers were received by EMAX in good condition under proper chain-of-custody.

All extraction and analytical holding times were met.

2.2 Rejected Data

Table 2.2-1 lists all rejected analytical data. Sample re-collection at this time is not warranted due to all rejected results being reported as non-detect.

Table 2.2-1 Rejected Analytical Results

Sample Delivery Group	Sample Number	Contaminant	Reason
10188-01	TM0005 and TM0006	1,2-Dibromo-3-chloropropane	Initial Calibration Relative Response Factor (RRF) <0.05.
	TM0006	2-Butanone (MEK)	Continuing Calibration Relative Response Factor (RRF) <0.05.
10188-03	TM3001, TM3002, TM3003, TM3004 and TM3006	1,2-Dibromo-3-chloropropane 2-Butanone (MEK) 2-Hexanone (MBK) 4-Methyl-2-pentanone (MIBK) Acetone	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
	TM3001, TM3003, TM3004 and TM3006	Carbon disulfide	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.

2.3 Blank Results

Descriptions of the type of blank samples which were collected, processed, and evaluated for background and/or process contamination during this sampling are as follows:

- Trip blanks (TB) consist of aqueous VOC sample vials filled in the laboratory with ASTM Type II reagent grade water, transported to the sampling site, handled like an environmental sample and returned to the laboratory for analysis. Trip blanks are prepared only when aqueous VOC samples are collected and analyzed. Trip blanks are used to assess the potential introduction of contaminants from sample containers during the transportation and/or storage procedures. Trip blanks were sent with all aqueous samples shipped to the laboratory requiring volatile analysis.
- Equipment rinsates (ER) are samples of analyte-free deionized water poured into, over, or pumped through the sampling device, collected in a sample container, and transported to the laboratory for analysis. Equipment rinsates are used to assess the effectiveness of equipment decontamination procedures.
- Method blanks (MB) are used in the laboratory to assess and document any possible contamination resulting from the analytical process. A method blank is an analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank shall be carried through the complete sample preparation and analytical procedure.
- Initial and continuing calibration blanks (ICB and CCB) are instrument blanks consisting of an analyte-free matrix. ICBs and CCBs are analyzed to verify the analysis system is free of contamination and are analyzed immediately after the initial and continuing calibrations are performed.

Field sample concentrations were evaluated to determine if the sample results could have been biased by the presence of any contamination measured in trip blanks, equipment rinsate blanks, method blanks and/or initial/continuing calibration blanks. Sample data affected by blank contamination are summarized in Table 2.3-1.

Table 2.3-1
Summary of Blank Contamination

Sample Delivery Group	Sample Number	Contaminant	Action
10188-01	TM0002	m/p-Xylenes	m/p-Xylenes result for sample TM0002 was "B" qualified due to MB contamination.
	TM0002 and TM0004	Calcium	Calcium results for samples TM0002 and TM0004 were "B" qualified due to ER, ICB/CCB and MB contamination.
10188-02	TM0005 and TM0006	Selenium	Selenium results for samples TM0005 and TM0006 were "B" qualified due to ICB/CCB contamination.
	TM0006	Calcium	Calcium result for sample TM0006 was "B" qualified due to ICB/CCB contamination.
10188-03	TM3001, TM3002, TM3003, TM3004 and TM3006	Methylene chloride	Methylene chloride results for samples TM3001, TM3002, TM3003, TM3004 and TM3006 were "B" qualified due to TB, ER and MB contamination.
	TM3001, TM3002, TM3003, TM3004 and TM3006	Sodium	Sodium results for samples TM3001, TM3002, TM3003, TM3004 and TM3006 were "B" qualified due to ER contamination.

2.4 Analytical Precision

Precision is defined as a measurement of mutual agreement among individual measurements of the same property, usually under "prescribed similar conditions." Analytical precision is calculated as relative percent difference (%RPD) based on the following formula:

$$\%RPD = \left| \frac{(A-B)}{(A+B)/2} \right| \times 100$$

where:

%RPD = Relative Percent Difference

A = original result

B = duplicate result

A high RPD between an original sample and its field duplicate may be attributable to the difference in sample matrix or distribution of the contaminant within the sample, rather than the precision of the collection process. Also, when "estimated" results are reported, there is a potential for increased variability between the primary and duplicate sample results. This occurs because, at low concentrations, the relative difference in results is magnified by the RPD calculation even though the results are comparable in absolute terms. There is also increased uncertainty in the results as the lower limit of detection is approached, due to decreasing analytical accuracy. The RPD calculation cannot be performed in cases where non-detected results are reported with corresponding samples that contain detectable concentrations.

Overall sampling and analysis precision for this task was assessed using field duplicate (FD) samples. Laboratory precision was assessed by laboratory control sample/laboratory control sample duplicate (LCS/LCSD) and matrix spike/matrix spike duplicate (MS/MSD) recoveries. Results indicate that an acceptable analytical precision was achieved. Table 2.4-1 lists precision acceptance criteria for LCS/LCSD, MS/MSD organic analyses and field duplicate comparisons. Table 2.4-2 lists all field duplicate, LCS/LCSD and MS/MSD RPDs that exceeded QC criteria.

Table 2.4-1 Precision Acceptance Criteria

Field/Laboratory QC Type	Matrix	
	Aqueous	Soil
Field Duplicate (Both Organic & Inorganic)	RPD < 35%	RPD < 50%
TCL Volatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"
TCL Semivolatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"
Nitroaromatic/Nitramine Explosives LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"
Chemical Agent Breakdown LCS/LCSD and MS/MSD	1,4-Oxathiane RPD<19% 1,4-Dithiane RPD<33% p-Chlorophenylmethylsulfoxide RPD<74% p-Chlorophenylmethylsulfone RPD<55% DIMP RPD<13% DMMP RPD<13% EMPA RPD<13% IMPA RPD<14% MPA RPD<14% Thiodiglycol RPD<12%	1,4-Oxathiane RPD<28% 1,4-Dithiane RPD<28% p-Chlorophenylmethylsulfoxide RPD<27% p-Chlorophenylmethylsulfone RPD<26% DIMP RPD<10% DMMP RPD<10% EMPA RPD<10% IMPA RPD<10% MPA RPD<10% Thiodiglycol RPD<8%
Metals LCS/LCSD and MS/MSD	RPD < 20%	RPD < 20%
Total Organic Carbon LCS/LCSD and MS/MSD	NA	RPD < 20%

Table 2.4-2
Summary of Field Duplicate, LCS/LCSD & MS/MSD RPD Anomalies

Sample Delivery Group	Sample Number	Contaminant	Assigned Validation Qualifier
10188-01	TM0007 (Parent) / TM0008 (FD)	Barium Calcium Lead Magnesium Manganese Zinc	Barium, calcium, lead, magnesium, manganese and zinc results for samples TM0007 and TM0008 were "J" qualified due to RPD between parent sample and its corresponding field duplicate exceeding QC criteria.

2.5 Analytical Accuracy Assessment

Accuracy is a measure of the degree of agreement of a result against an accepted reference or true value. Accuracy is expressed as a percent recovery (%R) calculated by the ratio of the measurement and accepted true value as shown in the following equation:

$$\%R = (|X_s - X_u|/K) \times 100$$

where:

X_s = measured value of the spiked sample

X_u = measured value of the unspiked sample

K = known amount of the spike in the sample

Surrogate recoveries, MS/MSD and LCS/LCSD were used to measure analytical accuracy as described in SW846 8260B, 8270C, 6010B/7470A/7471A and Chemical Warfare Degradates by 8270 Modified (M) and 8321. Reported results indicate that an acceptable level of analytical accuracy was achieved. Surrogate, LCS/LCSD and MS/MSD spike recoveries, which exceed QC criteria are summarized in Table 2.5-1.

Table 2.5-1
Summary of Surrogate, LCS/LCSD and MS/MSD Spike Recovery Criteria Exceedances

Sample Delivery Group	Sample Number	Contaminant	Action
10188-01	TM0001 MS/MSD	Antimony (LB) Barium (HB) Calcium (LB) Magnesium (LB) Potassium (HB) Lead (LB)	Antimony, barium, calcium, magnesium, potassium and lead results for samples TM0001, TM0002, TM0003, TM0004, TM0007, TM0008 and TM0009 results were "J" / "UJ" qualified due to MS/MSD spike recoveries exceeding QC criteria.
	TM0001	Acetone	Acetone result for sample TM0001 was "J" qualified due to surrogate recoveries (Toluene-d8 (HB) and Bromofluorobenzene (HB)) exceeding QC criteria.

Table 2.5-1 (Continued)
Summary of Surrogate, LCS/LCSD and MS/MSD Spike Recovery Criteria Exceedances

Sample Delivery Group	Sample Number	Contaminant	Action
10188-03	TM3006 MS/MSD	Antimony (LB) Calcium (LB) Silver (LB)	Antimony, calcium and silver results for samples TM3001, TM3002, TM3003, TM3004 and TM3006 were "J" / "UJ" qualified due to MS/MSD spike recoveries exceeding QC criteria.

LB - Low bias

HB - High bias

2.6 Data Representativeness

Representativeness is a qualitative parameter that expresses the degree to which sample data actually represent the matrix conditions. Standardized requirements and procedures for sample collection, handling and analyses were employed to maximize sample representativeness.

Soil sample locations selected for this investigation will confirm whether the soil has been impacted by contaminant releases from former activities at this site. Groundwater samples were collected to determine the quality of groundwater in the aquifer.

2.7 Data Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. By employing well-recognized techniques and accepted standardized methods for sampling and analysis, data comparability was achieved during this sampling event.

2.8 Data Completeness

Completeness is calculated for the aggregation of data for each analyte measured during the investigation of Parcels CWM-188, Old Toxic Training Area. The formula for calculating completeness is listed below:

$$\% \text{ Completeness} = (X_v / X_T) \times 100$$

where:

X_v = number of valid (i.e., non-"R"-flagged) results

X_T = number of possible results

Parcels CWM-188 goal for completeness is 95% for both aqueous and soil samples. The % Completeness for this task is calculated to be 98.6%.

- % Completeness = (2221 / 2253) x 100 = 98.6%

2.9 Sensitivity

Sensitivity is defined as the ability of the laboratory's established method detection limits (MDL)/method reporting limits (MRL or RL) to meet project-specific DQOs or site-specific screening levels (SSSL) and or ecological screening values (ESV).

MDL is the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. MDLs are determined from an analysis of a sample in a given matrix containing the target analyte of interest. The MRL is a threshold value based upon the sensitivity capability of method and instrument. MRLs are normally set at a minimum of two times the MDL. MRLs are adjusted based on the sample matrix, moisture (solids only), and any necessary sample dilutions. The laboratory cannot reliably quantitate values reported above the MDL but below the MRL. Therefore, these analyte values must be flagged as estimated quantities ("J"-flagged).

To evaluate method sensitivity, a general comparison of the laboratory's MDLs/MRLs and the site investigation screening levels (background values, human health SSSL for residential reuse, and ESV) was performed and presented to the FTMC Base Realignment and Closure Team (BCT) (November 1999). The comparison summarized the relationship between the MDL/MRLs and SSSL/ESVs for each parameter typically reported for all of the major analytical methods used at FTMC. The few cases identified where the MDL and/or MRL values exceeded their corresponding human health SSSL and/or ESV were specifically highlighted and explained. It was understood that for these cases, the standard analytical method of analysis was not going to provide MDLs/MRLs, which met human health SSSLs or ESVs without significant uncertainty and the possibility of reporting false negatives. It was generally accepted that standard EPA SW846 analytical methods would provide sufficient sensitivity for data reported and used in the site screening process at FTMC.

3.0 Data Usability

Data quality indicators (DQI) provide an internal guide for control and review to verify that data are scientifically sound, defensible, and of known and acceptable quality. Factors such as precision, accuracy, representativeness, comparability, completeness, and sensitivity were evaluated to determine if the project's DQOs were met. A review of the data revealed that the majority of QA/QC indicators were within acceptable control limits. Any data anomalies

encountered during data validation and overall site evaluations have been summarized in the previous sections of this document.

Based on the results of data validation and QA review, IT has concluded that representative samples were collected and analyzed and the results are indicative of the media analyzed. The data are to be considered representative of site conditions and are usable for their intended purpose.

4.0 Attachments

Attachment A - Analytical Summary Table

Attachment B - Data Validation Summary Report

ATTACHMENT A
ANALYTICAL SUMMARY TABLE

Ft. McClellan
Parcel CWM-188
Old Toxic Training Area Soil Analytical Summary
Project No. 796887

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth (FT)	Analytical Suite	Sample Type	Sample Purpose
CWM-188-MW01	CWM-188-MW01-SS-TM0001-REG	TM0001	24-Oct-01	0 to 1 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B	SS	REG
	CWM-188-MW01-DS-TM0002-REG	TM0002	24-Oct-01	7 to 8 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B	DS	REG
CWM-188-MW02	CWM-188-MW02-SS-TM0003-REG	TM0003	24-Oct-01	0 to 1 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B	SS	REG
	CWM-188-MW02-DS-TM0004-REG	TM0004	24-Oct-01	5 to 6 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B	DS	REG
CWM-188-MW03	CWM-188-MW03-SS-TM0005-REG	TM0005	6-Nov-01	0 to 1 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B	SS	REG
	CWM-188-MW03-DS-TM0006-REG	TM0006	6-Nov-01	6 to 7 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B	DS	REG
CWM-188-MW04	CWM-188-MW04-SS-TM0007-REG	TM0007	24-Oct-01	0 to 1 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B	SS	REG
	CWM-188-MW04-SS-TM0008-FD	TM0008	24-Oct-01	0 to 1 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B	SS	FD
	CWM-188-MW04-DS-TM0009-REG	TM0009	24-Oct-01	8 to 9 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B	DS	REG

Ft. McClellan
Parcel CWM-188
Old Toxic Training Area Groundwater Analytical Summary
Project No. 796887

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth (FT)	Analytical Suite	Sample Type	Sample Purpose
CWM-188-MW01	CWM-188-MW01-GW-TM3001-REG	TM3001	1-Feb-02	10.95 to 10.95 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
CWM-188-MW02	CWM-188-MW02-GW-TM3002-REG	TM3002	31-Jan-02	7.26 to 7.29 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
CWM-188-MW03	CWM-188-MW03-GW-TM3003-REG	TM3003	31-Jan-02	22.67 to 22.98 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
	CWM-188-MW03-GW-TM3004-FD	TM3004	31-Jan-02	22.67 to 22.98 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	FD
CWM-188-MW04	CWM-188-MW04-GW-TM3006-REG	TM3006	30-Jan-02	4.15 to 4.45 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
	CWM-188-MW04-GW-TM3006-MS-MS					GW	MS
	CWM-188-MW04-GW-TM3006-MSD-MSD	TM3006-MSD	30-Jan-02	4.15 to 4.45 ft	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	MSD

ATTACHMENT B
DATA VALIDATION SUMMARY REPORT

***Data Validation Summary Report
For the Site Investigation Performed at
Old Toxic Training Area, Parcel 188(7)
Fort McClellan, Calhoun County, Alabama***

1.0 Introduction

Level III data validation was performed on 100 percent of the environmental samples collected for CWM-188. The analytical data consisted of delivery groups (SDGs) 10-188STL1, 10188-01, 10188-02, and 10188-03, which were analyzed by EMAX and Severn Trent Laboratories. Soil and water matrices were validated. The chemical parameters for which the samples were analyzed, are identified below:

Parameter (Method)
Volatile Organics by GC/MS SW846 8260B
Semivolatile Organics by GC/MS SW846 8270C
Metals by SW846 6010B and 7470A/7471A
Chemical Warfare Degradates (SW846 8321 and SW846 8270M)

2.0 Procedures

The sample data were validated following the logic identified in the 1994 *EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* and the 1999 *EPA Contract Laboratory Program National Functional Guidelines for Organic Review* for all areas except blanks. *EPA Region III Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses* (April 1993) and *Region III National Functional Guidelines for Organic Data Review* (June 1992) were applied to the areas associated with blank contamination. Specific quality control (QC) criteria as identified in the quality assurance plan (QAP), analytical methods, and laboratory standard operating procedures (SOP) were applied to all sample results. As a result of the use of Update III SW846 test methods for the analytical data and the application of the Contract Laboratory Program (CLP) guidelines during the validation process, there were instances where specific QC requirements for all target compounds were not defined. This primarily occurred in the organic, gas chromatography (GC) and GC/mass spectrometry (MS) calibration areas and is due to the fact that the analytical methods are performance-based and allow the use of average calibration responses in lieu of individual responses, which are defined by CLP protocol. In light of applying CLP guidelines to SW846 methods and evaluating the usability of the data during the validation process, specific QC criteria were determined to address all target compounds and are identified in this report for each parameter, as well as in the validation checklists, which function as worksheets. All completed validation checklists are on file in the Knoxville office. For those analytical methods not addressed by the CLP and Region III guidelines, the validation was based on the method

requirements (i.e., SW846, Code of Federal Regulations, SOPs) and technical judgement, following the logic of the CLP validation guidelines.

3.0 Summary of Data Validation Findings

The overall quality of the data was determined to be acceptable with minimal qualifications. The only rejected data ("R" qualified) was due to "poor performing" volatile compounds (ketones, some halogenated hydrocarbons, etc.), which experienced poor calibration responses in the associated calibration data. The "R" qualifier was assigned to the samples with more than one set of results to indicate that a given result should not be used to characterize a particular constituent or an analysis for a given sample.

Individual validation reports have been prepared for each parameter, and the overall results of the validation findings are summarized in this report. The validation qualifier data entry verification report (Attachment A) is also provided. This is a complete listing of all of the analytical results and the validation qualifiers assigned for the site investigation at CWM-188. It also identifies the "use" column, which indicates which result to use in the event of a reanalysis. A listing of the validation qualifiers and the reason codes, along with their definitions, is also found in Attachment A. The following section highlights the key findings of the data validation for each analysis.

4.0 Analysis-Specific Data Validation Summaries

4.1 Volatile Organics by GC/MS SW846 8260B

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples

Initial and Continuing Calibration

The initial calibration (ICAL) and continuing calibrations (CCAL) associated with the project samples met QC criteria, with the following exception(s):

The following exhibited individual ICAL/CCAL relative response factor (RRF) <0.1:

SDG	Samples Affected	Compound(s)	Validation Qualifier
10188-02	All Samples	1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK)	J/R
10188-03	All Samples	1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 2-Hexanone (MBK), 4-Methyl-2-Pentanone (MIBK), Acetone, Carbon Disulfide	R

- The following exhibited individual CCAL percent difference (%D) >20:

SDG	Samples Affected	Compound(s)	Validation Qualifier
10188-01	TM0002, TM0003, TM0004, TM0007, TM0008, TM0009	sec-Dichloropropane	UJ
	TM0008	Cumene, Naphthalene	UJ
10188-02	All Samples	Chloromethane	UJ
10188-03	All Samples	Acetone	R

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses, trip blanks, and method blanks was applied to all sample results. All were found to be acceptable, with the following exception(s):

SDG	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
10188-01	TM0002	m,p-Xylenes	Method	B
10188-03	All Samples	Methylene Chloride	Method/ER/TB	B

Surrogate Recoveries

All surrogate recoveries were within QC limits, with the following exception(s):

SDG	Samples Affected	Compound(s)	Validation Qualifier
10188-01	TM0001	Acetone	J

Matrix Spike / Matrix Spike Duplicate

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

Laboratory Control Sample (LCS) analysis was performed for the project samples, and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

Internal Standards

All internal standards met QC criteria.

Quantitation

Results quantitated between the method detection limit (MDL) and the reporting limit (RL), which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.2 Semivolatile Organics by GC/MS SW846 8270C

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria, with the following exception(s):

SDG	Samples Affected	Compound(s)	Validation Qualifier
10188-02	All Samples	2,4-Dinitrophenol	UJ

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries were within QC criteria.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated, and all QC criteria were met.

Internal Standards

All internal standards met QC criteria.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.3 Metals by SW846 6010B/7470A/7471A

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were acceptable with the following exception(s):

SDG	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
10188-01	TM0002, TM0004	Calcium	Method/Calibration/ER	B
10188-02	All Samples	Selenium	Calibration	B
	TM0006	Calcium	Calibration	B
10188-03	All Samples	Sodium	ER	B

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met, with the following exception(s):

SDG	Samples Affected	Compound(s)	Validation Qualifier
10188-01	All Samples	Antimony, Barium, Calcium, Lead, Magnesium, Potassium	J/B/UJ
10188-03	All Samples	Antimony, Calcium, Silver	J/UJ

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

Interference Check Sample

All Interference Check Sample (ICS) percent recoveries were acceptable. All QC criteria were met.

Inductively Coupled Plasma Serial Dilutions

All QC criteria were met for the serial dilutions associated with the project samples, with the following exception(s):

SDG	Samples Affected	Compound(s)	Validation Qualifier
10188-01	All Samples	Iron, Zinc	J
10188-02	All Samples	Nickel	J
10188-03	All Samples	Calcium, Barium, Magnesium	J/UJ

Field Duplicates

Original and field duplicate results were evaluated, and no problems were identified, with the following exception(s):

SDG	Samples Affected	Compound(s)	Validation Qualifier
10188-01	TM0007 (Original) TM0008 (FD)	Barium, Calcium, Lead, Magnesium, Manganese, Zinc	J

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected.

4.4 Chemical Warfare Degradates (SW846 8321 and SW846 8270M)

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries were within QC criteria.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated, and no problems were identified.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected.

ATTACHMENT A

DATA VALIDATION QUALIFIER ENTRY VERIFICATION REPORT

Validation Qualifiers

- U Not detected. The compound/analyte was analyzed for, but not detected above the associated reporting limit.
- J The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed.
- B The concentration reported was detected significantly above the levels reported in the associated equipment rinse samples and/or laboratory method and trip blanks. (5X/10X Rule was applied).
- R The reported sample results are rejected due to the following:
 1. Severe deficiencies in the supporting quality control data.
 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data.
 3. The presence or absence of the constituent cannot be verified based on the data provided.
 4. To indicate not to use a particular result in the event of a reanalysis.
- UJ The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the "nondetect" may be inaccurate or imprecise. The nondetect result should be estimated.

Validation Reason Code Definitions

Reason Code	Definition
01	Sample received outside of 4+/-2 degrees Celsius
01A	Improper sample preservation
02	Holding time exceeded
02A	Extraction
02B	Analysis
03	Instrument performance – outside criteria
03A	BFB
03B	DFTPP
03C	DDT and/or Endrin % breakdown exceeds criteria
03D	Retention time windows
03E	Resolution
04	Initial calibration results outside specified criteria
04A	Compound mean RRF QC criteria not met
04B	Individual % RSD criteria not met
04C	Correlation coefficient >0.995
05	Continuing calibration results outside specified criteria
05A	Compound mean RRF QC criteria not met
05B	Compound % D QC criteria not met
06	Result qualified as a result of the 5x/10x blank correction
06A	Method or preparation blank
06B	ICB or CCB
06C	ER
06D	TB
06E	FB
07	Surrogate recoveries outside control limits
07A	Sample
07B	Associated method blank or LCS
08	MS/MSD/Duplicate results outside criteria
08A	MS and/or MSD recovery not within control limits (accuracy)
08B	% RPD outside acceptance criteria (precision)
09	Post digestion spike outside criteria (GFAA)
10	Internal standards outside specified control limits
10A	Recovery
10B	Retention time
11	Laboratory control sample recoveries outside specified limits
11A	Recovery
11B	% RPD (if run in duplicate)
12	Interference check standard
13	Serial dilution
14	Tentatively identified compounds
15	Quantitation
16	Multiple results available; alternate analysis preferred
17	Field duplicate RPD criteria is exceeded
18	Percent difference between original and second column exceeds QC criteria
19	Professional judgement was used to qualify the data
20	Pesticide clean-up checks
21	Target compound identification
22	Radiological calibration
23	Radiological quantitation
24	Reported result and/or lab qualifier revised to reflect validation findings

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 1 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10-188STL1																
TM3001	SW8321	METHOD Y 0 1	DIMP	.01	mg/L	U	N	Y	U	U					ETLLAW	00:17
			DMMP	.01	mg/L	U	N	Y	U	U					ETLLAW	00:17
			EMPA	.01	mg/L	U	N	Y	U	U					ETLLAW	00:17
			IMPA	.02	mg/L	U	N	Y	U	U					ETLLAW	00:17
			MPA	.1	mg/L	U	N	Y	U	U					ETLLAW	00:17
			THIODIGLYCOL	.01	mg/L	U	N	Y	U	U					ETLLAW	00:17
TM3002	SW8321	METHOD Y 0 1	DIMP	.01	mg/L	U	N	Y	U	U					ETLLCW	00:38
			DMMP	.01	mg/L	U	N	Y	U	U					ETLLCW	00:38
			EMPA	.01	mg/L	U	N	Y	U	U					ETLLCW	00:38
			IMPA	.02	mg/L	U	N	Y	U	U					ETLLCW	00:38
			MPA	.1	mg/L	U	N	Y	U	U					ETLLCW	00:38
			THIODIGLYCOL	.01	mg/L	U	N	Y	U	U					ETLLCW	00:38
TM3003	SW8321	METHOD Y 0 1	DIMP	.01	mg/L	U	N	Y	U	U					ETKJ7W	23:14
			DMMP	.01	mg/L	U	N	Y	U	U					ETKJ7W	23:14
			EMPA	.01	mg/L	U	N	Y	U	U					ETKJ7W	23:14
			IMPA	.02	mg/L	U	N	Y	U	U					ETKJ7W	23:14
			MPA	.1	mg/L	U	N	Y	U	U					ETKJ7W	23:14
			THIODIGLYCOL	.01	mg/L	U	N	Y	U	U					ETKJ7W	23:14
TM3004	SW8321	METHOD Y 0 1	DIMP	.01	mg/L	U	N	Y	U	U					ETKKDW	23:35
			DMMP	.01	mg/L	U	N	Y	U	U					ETKKDW	23:35
			EMPA	.01	mg/L	U	N	Y	U	U					ETKKDW	23:35
			IMPA	.02	mg/L	U	N	Y	U	U					ETKKDW	23:35
			MPA	.1	mg/L	U	N	Y	U	U					ETKKDW	23:35
			THIODIGLYCOL	.01	mg/L	U	N	Y	U	U					ETKKDW	23:35
TM3006	SW8321	METHOD Y 0 1	DIMP	.01	mg/L	U	N	Y	U	U					ETHGAW	17:56
			DMMP	.01	mg/L	U	N	Y	U	U					ETHGAW	17:56
			EMPA	.01	mg/L	U	N	Y	U	U					ETHGAW	17:56
			IMPA	.02	mg/L	U	N	Y	U	U					ETHGAW	17:56
			MPA	.1	mg/L	U	N	Y	U	U					ETHGAW	17:56
			THIODIGLYCOL	.01	mg/L	U	N	Y	U	U					ETHGAW	17:56
TM3001	SW8270	SW3510 N 0 1	1,4-DITHIANE	.005	mg/L	U	N	Y	U	U					ETLLAW	06:19
			1,4-OXATHIANE	.005	mg/L	U	N	Y	U	U					ETLLAW	06:19
			P-CHLOROPHENYLMETHYLSULFONE	.01	mg/L	U	N	Y	U	U					ETLLAW	06:19
			P-CHLOROPHENYLMETHYLSULFOXIDE	.01	mg/L	U	N	Y	U	U					ETLLAW	06:19
			1,4-DITHIANE	.0049	mg/L	U	N	Y	U	U					ETLLCW	06:46
			1,4-OXATHIANE	.0049	mg/L	U	N	Y	U	U					ETLLCW	06:46
TM3002	SW8270	SW3510 N 0 0.97	P-CHLOROPHENYLMETHYLSULFONE	.0097	mg/L	U	N	Y	U	U					ETLLCW	06:46
			P-CHLOROPHENYLMETHYLSULFOXIDE	.0097	mg/L	U	N	Y	U	U					ETLLCW	06:46
			1,4-DITHIANE	.0052	mg/L	U	N	Y	U	U					ETKJ7W	04:58
			1,4-OXATHIANE	.0052	mg/L	U	N	Y	U	U					ETKJ7W	04:58
TM3003	SW8270	SW3510 N 0 1.03	1,4-DITHIANE	.0052	mg/L	U	N	Y	U	U						

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 2 of 63

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
												1	2	3	4		
10-188STL1																	
TM3003	SW8270	SW3510	N 0 1.03	1,4-OXATHIANE P-CHLOROPHENYLMETHYLSULFONE P-CHLOROPHENYLMETHYLSULFOXIDE	.0052 .01 .01	mg/L	U	N Y	U	U						ETKJ7W	04:58
TM3004	SW8270	SW3510	N 0 1.02	1,4-DITHIANE 1,4-OXATHIANE P-CHLOROPHENYLMETHYLSULFONE P-CHLOROPHENYLMETHYLSULFOXIDE	.0051 .0051 .01 .01	mg/L	U	N Y	U	U						ETKKDW	05:25
TM3006	SW8270	SW3510	N 0 0.97	1,4-DITHIANE 1,4-OXATHIANE P-CHLOROPHENYLMETHYLSULFONE P-CHLOROPHENYLMETHYLSULFOXIDE	.0049 .0049 .0098 .0098	mg/L	U	N Y	U	U						ETHGAW	03:10
10188-01																	
TM0001	SW8321	SW3550	N 0 1	DIMP	.058	mg/kg	U	N Y	U	U						EM0KQS	03:09
				DMMP	.058	mg/kg	U	N Y	U	U						EM0KQS	03:09
				EMPA	.058	mg/kg	AAU	N Y	U	U						EM0KQS	03:09
				IMPA	.12	mg/kg	AAU	N Y	U	U						EM0KQS	03:09
				MPA	.58	mg/kg	AAU	N Y	U	U						EM0KQS	03:09
				THIODIGLYCOL	.058	mg/kg	U	N Y	U	U						EM0KQS	03:09
TM0002	SW8321	SW3550	N 0 1	DIMP	.059	mg/kg	U	N Y	U	U						EM0KRS	03:33
				DMMP	.059	mg/kg	U	N Y	U	U						EM0KRS	03:33
				EMPA	.059	mg/kg	AAU	N Y	U	U						EM0KRS	03:33
				IMPA	.12	mg/kg	AAU	N Y	U	U						EM0KRS	03:33
				MPA	.59	mg/kg	AAU	N Y	U	U						EM0KRS	03:33
				THIODIGLYCOL	.059	mg/kg	U	N Y	U	U						EM0KRS	03:33
TM0003	SW8321	SW3550	N 0 1	DIMP	.063	mg/kg	U	N Y	U	U						EM0KTS	03:57
				DMMP	.063	mg/kg	U	N Y	U	U						EM0KTS	03:57
				EMPA	.063	mg/kg	AAU	N Y	U	U						EM0KTS	03:57
				IMPA	.13	mg/kg	AAU	N Y	U	U						EM0KTS	03:57
				MPA	.63	mg/kg	AAU	N Y	U	U						EM0KTS	03:57
				THIODIGLYCOL	.063	mg/kg	U	N Y	U	U						EM0KTS	03:57
TM0004	SW8321	SW3550	N 0 1	DIMP	.058	mg/kg	U	N Y	U	U						EM0KVS	04:21
				DMMP	.058	mg/kg	U	N Y	U	U						EM0KVS	04:21
				EMPA	.058	mg/kg	AAU	N Y	U	U						EM0KVS	04:21
				IMPA	.12	mg/kg	AAU	N Y	U	U						EM0KVS	04:21
				MPA	.58	mg/kg	AAU	N Y	U	U						EM0KVS	04:21
				THIODIGLYCOL	.058	mg/kg	U	N Y	U	U						EM0KVS	04:21
TM0007	SW8321	SW3550	N 0 1	DIMP	.056	mg/kg	U	N Y	U	U						EM0KWS	04:45
				DMMP	.056	mg/kg	U	N Y	U	U						EM0KWS	04:45
				EMPA	.056	mg/kg	AAU	N Y	U	U						EM0KWS	04:45

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 3 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
											1	2	3	4			
10188-01																	
TM0007	SW8321	SW3550	N 0 1	IMPA	.11	mg/kg	AAU	N Y U U								EM0KWS	04:45
				MPA	.56	mg/kg	AAU	N Y U U								EM0KWS	04:45
				THIODIGLYCOL	.056	mg/kg	U	N Y U U								EM0KWS	04:45
TM0008	SW8321	SW3550	N 0 1	DIMP	.057	mg/kg	U	N Y U								EM0KXS	05:09
				DMMP	.057	mg/kg	U	N Y U								EM0KXS	05:09
				EMPA	.057	mg/kg	AAU	N Y U								EM0KXS	05:09
				IMPA	.11	mg/kg	AAU	N Y U								EM0KXS	05:09
				MPA	.57	mg/kg	AAU	N Y U								EM0KXS	05:09
				THIODIGLYCOL	.057	mg/kg	U	N Y U								EM0KXS	05:09
TM0009	SW8321	SW3550	N 0 1	DIMP	.061	mg/kg	U	N Y U U								EM0K4S	06:45
				DMMP	.061	mg/kg	U	N Y U U								EM0K4S	06:45
				EMPA	.061	mg/kg	AAU	N Y U U								EM0K4S	06:45
				IMPA	.12	mg/kg	AAU	N Y U U								EM0K4S	06:45
				MPA	.61	mg/kg	AAU	N Y U U								EM0K4S	06:45
				THIODIGLYCOL	.061	mg/kg	U	N Y U U								EM0K4S	06:45
TM0001	SW6010B	SW3050	N 0 1	ALUMINUM	26200	mg/kg		Y Y P							J217-01	11:03	
				ANTIMONY	11.6	mg/kg	U	N Y U UJ						08A	J217-01	11:03	
				ARSENIC	8.51	mg/kg		Y Y P							J217-01	21:08	
				BARIUM	163	mg/kg		Y Y P J							J217-01	11:03	
				BERYLLIUM	1.16	mg/kg	J	Y Y P J							J217-01	11:03	
				CADMIUM	1.16	mg/kg	U	N Y U U							J217-01	11:03	
				CALCIUM	7430	mg/kg		Y Y P J							J217-01	11:03	
				CHROMIUM	21.8	mg/kg		Y Y P							J217-01	11:03	
				COBALT	1.56	mg/kg	J	Y Y P J							J217-01	11:03	
				COPPER	66.7	mg/kg		Y Y P							J217-01	11:03	
				IRON	27100	mg/kg		Y Y P J							J217-01	11:03	
				LEAD	27	mg/kg		Y Y P J							J217-01	21:08	
				MAGNESIUM	5170	mg/kg		Y Y P J							J217-01	11:03	
				MANGANESE	18.9	mg/kg		Y Y P							J217-01	11:03	
				NICKEL	12.8	mg/kg		Y Y P							J217-01	11:03	
				POTASSIUM	3780	mg/kg		Y Y P J							J217-01	11:03	
				SELENIUM	3.93	mg/kg		Y Y P							J217-01	21:08	
				SILVER	2.33	mg/kg	U	N Y U U							J217-01	11:03	
				SODIUM	94.2	mg/kg	J	Y Y P J							J217-01	11:03	
				THALLIUM	2.33	mg/kg	U	N Y U U							J217-01	21:08	
				VANADIUM	66.3	mg/kg		Y Y P							J217-01	11:03	
				ZINC	52.7	mg/kg		Y Y P J							J217-01	11:03	
	SW7471A	TOTAL	N 0 1	MERCURY	.116	mg/kg	U	N Y U U							J217-01	17:55	
TM0002	SW6010B	SW3050	N 0 1	ALUMINUM	25500	mg/kg		Y Y P							J217-02	11:27	
				ANTIMONY	11.7	mg/kg	U	N Y U UJ						08A	J217-02	11:27	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 4 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
10188-01																		
TM0002	SW6010B	SW3050	N 0 1		ARSENIC	8.93	mg/kg		Y Y P								J217-02	20:52
					BARIUM	126	mg/kg		Y Y P	J				08A			J217-02	11:27
					BERYLLIUM	1.39	mg/kg		Y Y P								J217-02	11:27
					CADMIUM	1.17	mg/kg	U	N Y U	U							J217-02	11:27
					CALCIUM	31	mg/kg	J	Y Y F	B			06A 06B 08A 15			J217-02	11:27	
					CHROMIUM	21.7	mg/kg		Y Y P							J217-02	11:27	
					COBALT	1.92	mg/kg	J	Y Y P	J			15			J217-02	11:27	
					COPPER	90.7	mg/kg		Y Y P							J217-02	11:27	
					IRON	28400	mg/kg		Y Y P	J			13			J217-02	11:27	
					LEAD	22.6	mg/kg		Y Y P	J			08A			J217-02	20:52	
					MAGNESIUM	829	mg/kg		Y Y P	J			08A			J217-02	11:27	
					MANGANESE	3.23	mg/kg		Y Y P							J217-02	11:27	
					NICKEL	11.2	mg/kg		Y Y P							J217-02	11:27	
					POTASSIUM	2730	mg/kg		Y Y P	J			08A			J217-02	11:27	
					SELENIUM	4.93	mg/kg		Y Y P							J217-02	20:52	
					SILVER	2.34	mg/kg	U	N Y U	U						J217-02	11:27	
					SODIUM	55.4	mg/kg	J	Y Y P	J			15			J217-02	11:27	
					THALLIUM	2.34	mg/kg	U	N Y U	U						J217-02	20:52	
					VANADIUM	58.4	mg/kg		Y Y P							J217-02	11:27	
					ZINC	56.6	mg/kg		Y Y P	J			13			J217-02	11:27	
TM0003	SW7471A	TOTAL	N 0 1		MERCURY	.117	mg/kg	U	N Y U	U						J217-02	17:58	
					ALUMINUM	32400	mg/kg		Y Y P							J217-03	11:31	
					ANTIMONY	12.2	mg/kg	U	N Y U	UJ			08A			J217-03	11:31	
					ARSENIC	16.9	mg/kg		Y Y P							J217-03	20:57	
					BARIUM	95.5	mg/kg		Y Y P	J			08A			J217-03	11:31	
					BERYLLIUM	.736	mg/kg	J	Y Y P	J			15			J217-03	11:31	
					CADMIUM	1.22	mg/kg	U	N Y U	U						J217-03	11:31	
					CALCIUM	676	mg/kg		Y Y P	J			08A			J217-03	11:31	
					CHROMIUM	32.2	mg/kg		Y Y P							J217-03	11:31	
					COBALT	6.88	mg/kg		Y Y P							J217-03	11:31	
					COPPER	37.3	mg/kg		Y Y P							J217-03	11:31	
					IRON	59800	mg/kg		Y Y P	J			13			J217-03	11:31	
					LEAD	15.3	mg/kg		Y Y P	J			08A			J217-03	20:57	
					MAGNESIUM	1620	mg/kg		Y Y P	J			08A			J217-03	11:31	
					MANGANESE	92	mg/kg		Y Y P							J217-03	11:31	
					NICKEL	28	mg/kg		Y Y P							J217-03	11:31	
					POTASSIUM	1270	mg/kg		Y Y P	J			08A			J217-03	11:31	
					SELENIUM	2.09	mg/kg		Y Y P							J217-03	20:57	
					SILVER	2.44	mg/kg	U	N Y U	U						J217-03	11:31	
					SODIUM	119	mg/kg	J	Y Y P	J			15			J217-03	11:31	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 5 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
10188-01																		
TM0003	SW6010B	SW3050	N 0 1		THALLIUM	2.44	mg/kg	U	N Y	U	U						J217-03	20:57
					VANADIUM	73.1	mg/kg		Y Y	P						J217-03	11:31	
					ZINC	52	mg/kg		Y Y	P	J					J217-03	11:31	
	SW7471A	TOTAL	N 0 1		MERCURY	.064	mg/kg	J	Y Y	P	J					J217-03	18:00	
TM0004	SW6010B	SW3050	N 0 1		ALUMINUM	22300	mg/kg		Y Y	P						J217-04	11:46	
					ANTIMONY	5.38	mg/kg	J	Y Y	P	J					J217-04	11:46	
					ARSENIC	20.7	mg/kg		Y Y	P						J217-04	21:39	
					BARIUM	106	mg/kg		Y Y	P	J					J217-04	11:46	
					BERYLLIUM	.833	mg/kg	J	Y Y	P	J					J217-04	11:46	
					CADMIUM	1.14	mg/kg	U	N Y	U	U					J217-04	11:46	
					CALCIUM	65.8	mg/kg	J	Y Y	F	B					J217-04	11:46	
					CHROMIUM	24.3	mg/kg		Y Y	P						J217-04	11:46	
					COBALT	9.16	mg/kg		Y Y	P						J217-04	11:46	
					COPPER	33.5	mg/kg		Y Y	P						J217-04	11:46	
					IRON	45600	mg/kg		Y Y	P	J					J217-04	11:46	
					LEAD	38.5	mg/kg		Y Y	P	J					J217-04	21:39	
					MAGNESIUM	1550	mg/kg		Y Y	P	J					J217-04	11:46	
					MANGANESE	400	mg/kg		Y Y	P						J217-04	11:46	
					NICKEL	32.5	mg/kg		Y Y	P						J217-04	11:46	
					POTASSIUM	914	mg/kg		Y Y	P	J					J217-04	11:46	
					SELENIUM	1.65	mg/kg		Y Y	P						J217-04	21:39	
					SILVER	2.28	mg/kg	U	N Y	U	U					J217-04	11:46	
					SODIUM	94.8	mg/kg	J	Y Y	P	J					J217-04	11:46	
					THALLIUM	2.28	mg/kg	U	N Y	U	U					J217-04	21:39	
					VANADIUM	55.8	mg/kg		Y Y	P						J217-04	11:46	
					ZINC	65	mg/kg		Y Y	P	J					J217-04	11:46	
	SW7471A	TOTAL	N 0 1		MERCURY	.114	mg/kg	U	N Y	U	U					J217-04	18:03	
TM0007	SW6010B	SW3050	N 0 1		ALUMINUM	11900	mg/kg		Y Y	P						J217-05	11:50	
					ANTIMONY	11.2	mg/kg	U	N Y	U	UJ					J217-05	11:50	
					ARSENIC	7.04	mg/kg		Y Y	P						J217-05	21:44	
					BARIUM	159	mg/kg		Y Y	P	J					J217-05	11:50	
					BERYLLIUM	.613	mg/kg	J	Y Y	P	J					J217-05	11:50	
					CADMIUM	1.12	mg/kg	U	N Y	U	U					J217-05	11:50	
					CALCIUM	11400	mg/kg		Y Y	P	J					J217-05	11:50	
					CHROMIUM	27.9	mg/kg		Y Y	P						J217-05	11:50	
					COBALT	3.48	mg/kg		Y Y	P						J217-05	11:50	
					COPPER	8.69	mg/kg		Y Y	P						J217-05	11:50	
					IRON	23800	mg/kg		Y Y	P	J					J217-05	11:50	
					LEAD	11.1	mg/kg		Y Y	P	J					J217-05	21:44	
					MAGNESIUM	7140	mg/kg		Y Y	P	J					J217-05	11:50	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 6 of 63

Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
10188-01																	
TM0007	SW6010B	SW3050	N 0 1	MANGANESE	154	mg/kg		Y Y P	J		17					J217-05	11:50
				NICKEL	8.06	mg/kg		Y Y P								J217-05	11:50
				POTASSIUM	1060	mg/kg		Y Y P	J		08A 15					J217-05	11:50
				SELENIUM	.551	mg/kg	J	Y Y P	J		15					J217-05	21:44
				SILVER	2.24	mg/kg	U	N Y U	U							J217-05	11:50
				SODIUM	52.3	mg/kg	J	Y Y P	J		15					J217-05	11:50
				THALLIUM	2.24	mg/kg	U	N Y U	U							J217-05	21:44
				VANADIUM	38.1	mg/kg		Y Y P								J217-05	11:50
				ZINC	17.8	mg/kg		Y Y P	J		13 17					J217-05	11:50
	SW7471A	TOTAL	N 0 1	MERCURY	.112	mg/kg	U	N Y U	U							J217-05	18:05
TM0008	SW6010B	SW3050	N 0 1	ALUMINUM	16400	mg/kg		Y Y								J217-06	11:55
				ANTIMONY	11.2	mg/kg	U	N Y		UJ	08A					J217-06	11:55
				ARSENIC	7.44	mg/kg		Y Y								J217-06	21:49
				BARIUM	63.4	mg/kg		Y Y		J	08A 17					J217-06	11:55
				BERYLLIUM	.431	mg/kg	J	Y Y		J	15					J217-06	11:55
				CADMIUM	1.12	mg/kg	U	N Y		U						J217-06	11:55
				CALCIUM	1740	mg/kg		Y Y		J	08A 17					J217-06	11:55
				CHROMIUM	23.5	mg/kg		Y Y								J217-06	11:55
				COBALT	3.76	mg/kg		Y Y								J217-06	11:55
				COPPER	8.59	mg/kg		Y Y								J217-06	11:55
				IRON	22000	mg/kg		Y Y		J	13					J217-06	11:55
				LEAD	6.47	mg/kg		Y Y		J	08A 17					J217-06	21:49
				MAGNESIUM	1690	mg/kg		Y Y		J	08A 17					J217-06	11:55
				MANGANESE	55.6	mg/kg		Y Y		J	17					J217-06	11:55
				NICKEL	11.9	mg/kg		Y Y								J217-06	11:55
				POTASSIUM	554	mg/kg	J	Y Y		J	08A 15 17					J217-06	11:55
				SELENIUM	.668	mg/kg	J	Y Y		J	15					J217-06	21:49
				SILVER	2.24	mg/kg	U	N Y		U						J217-06	11:55
				SODIUM	45.3	mg/kg	J	Y Y		J	15					J217-06	11:55
				THALLIUM	2.24	mg/kg	U	N Y		U						J217-06	21:49
				VANADIUM	45.5	mg/kg		Y Y								J217-06	11:55
				ZINC	29.8	mg/kg		Y Y		J	13 17					J217-06	11:55
	SW7471A	TOTAL	N 0 1	MERCURY	.112	mg/kg	U	N Y		U						J217-06	18:08
TM0009	SW6010B	SW3050	N 0 1	ALUMINUM	47800	mg/kg		Y Y P								J217-07	12:00
				ANTIMONY	11.9	mg/kg	U	N Y U		UJ	08A					J217-07	12:00
				ARSENIC	19.9	mg/kg		Y Y P								J217-07	21:54
				BARIUM	143	mg/kg		Y Y P	J		08A					J217-07	12:00
				BERYLLIUM	1.53	mg/kg		Y Y P								J217-07	12:00
				CADMIUM	1.19	mg/kg	U	N Y U		U						J217-07	12:00
				CALCIUM	2350	mg/kg		Y Y P	J		08A					J217-07	12:00

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 7 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
											1	2	3	4			
10188-01																	
TM0009	SW6010B	SW3050	N 0 1	CHROMIUM	38.9	mg/kg		Y Y P								J217-07	12:00
				COBALT	13.5	mg/kg		Y Y P								J217-07	12:00
				COPPER	26.3	mg/kg		Y Y P								J217-07	12:00
				IRON	50600	mg/kg		Y Y P J								J217-07	12:00
				LEAD	14.5	mg/kg		Y Y P J						08A		J217-07	21:54
				MAGNESIUM	3640	mg/kg		Y Y P J								J217-07	12:00
				MANGANESE	114	mg/kg		Y Y P								J217-07	12:00
				NICKEL	59	mg/kg		Y Y P								J217-07	12:00
				POTASSIUM	1640	mg/kg		Y Y P J						08A		J217-07	12:00
				SELENIUM	1.41	mg/kg		Y Y P								J217-07	21:54
				SILVER	2.38	mg/kg	U	N Y U U								J217-07	12:00
				SODIUM	169	mg/kg		Y Y P								J217-07	12:00
				THALLIUM	2.38	mg/kg	U	N Y U U								J217-07	21:54
				VANADIUM	89.3	mg/kg		Y Y P								J217-07	12:00
				ZINC	94.1	mg/kg		Y Y P J						13		J217-07	12:00
	SW7471A	TOTAL	N 0 1	MERCURY	.119	mg/kg	U	N Y U U								J217-07	18:10
TM0001	SW8270	METHOD	N 0 1	1,4-DITHIANE	1.2	mg/kg	U	N Y U U								EM0KQS	17:52
				1,4-OXATHIANE	0.58	mg/kg	U	N Y U U								EM0KQS	17:52
				P-CHLOROPHENYLMETHYLSULFONE	5.8	mg/kg	U	N Y U U								EM0KQS	17:52
				P-CHLOROPHENYLMETHYLSULFOXIDE	5.8	mg/kg	U	N Y U U								EM0KQS	17:52
TM0002	SW8270	METHOD	N 0 1	1,4-DITHIANE	1.2	mg/kg	U	N Y U U								EM0KRS	18:19
				1,4-OXATHIANE	0.59	mg/kg	U	N Y U U								EM0KRS	18:19
				P-CHLOROPHENYLMETHYLSULFONE	5.9	mg/kg	U	N Y U U								EM0KRS	18:19
				P-CHLOROPHENYLMETHYLSULFOXIDE	5.9	mg/kg	U	N Y U U								EM0KRS	18:19
TM0003	SW8270	METHOD	N 0 1	1,4-DITHIANE	1.3	mg/kg	U	N Y U U								EM0KTS	18:46
				1,4-OXATHIANE	0.63	mg/kg	U	N Y U U								EM0KTS	18:46
				P-CHLOROPHENYLMETHYLSULFONE	6.3	mg/kg	U	N Y U U								EM0KTS	18:46
				P-CHLOROPHENYLMETHYLSULFOXIDE	6.3	mg/kg	U	N Y U U								EM0KTS	18:46
TM0004	SW8270	METHOD	N 0 1	1,4-DITHIANE	1.2	mg/kg	U	N Y U U								EM0KVS	19:13
				1,4-OXATHIANE	0.58	mg/kg	U	N Y U U								EM0KVS	19:13
				P-CHLOROPHENYLMETHYLSULFONE	5.8	mg/kg	U	N Y U U								EM0KVS	19:13
				P-CHLOROPHENYLMETHYLSULFOXIDE	5.8	mg/kg	U	N Y U U								EM0KVS	19:13
TM0007	SW8270	METHOD	N 0 1	1,4-DITHIANE	1.1	mg/kg	U	N Y U U								EM0KWS	19:40
				1,4-OXATHIANE	0.56	mg/kg	U	N Y U U								EM0KWS	19:40
				P-CHLOROPHENYLMETHYLSULFONE	5.6	mg/kg	U	N Y U U								EM0KWS	19:40
				P-CHLOROPHENYLMETHYLSULFOXIDE	5.6	mg/kg	U	N Y U U								EM0KWS	19:40
TM0008	SW8270	METHOD	N 0 1	1,4-DITHIANE	1.1	mg/kg	U	N Y U U								EM0KXS	20:06
				1,4-OXATHIANE	0.57	mg/kg	U	N Y U U								EM0KXS	20:06
				P-CHLOROPHENYLMETHYLSULFONE	5.7	mg/kg	U	N Y U U								EM0KXS	20:06

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 8 of 63

Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	Flt	REX	Dil:									1	2	3	4			
10188-01																		
TM0008	SW8270	METHOD	N 0 1	P-CHLOROPHENYLMETHYLSULFOXIDE	5.7	mg/kg	U	N Y	U								EM0KXS	20:06
TM0009	SW8270	METHOD	N 0 1	1,4-DITHIANE	1.2	mg/kg	U	N Y	U	U							EM0K4S	20:33
				1,4-OXATHIANE	0.61	mg/kg	U	N Y	U	U							EM0K4S	20:33
				P-CHLOROPHENYLMETHYLSULFONE	6.1	mg/kg	U	N Y	U	U							EM0K4S	20:33
				P-CHLOROPHENYLMETHYLSULFOXIDE	6.1	mg/kg	U	N Y	U	U							EM0K4S	20:33
TM0001	SW8270C	SW3550	N 0 2	1,2,4-TRICHLOROBENZENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				1,2-DICHLOROBENZENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				1,3-DICHLOROBENZENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				1,4-DICHLOROBENZENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				2,4,5-TRICHLOROPHENOL	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				2,4,6-TRICHLOROPHENOL	1.5	mg/kg	U	N Y	U	U							J217-01	23:27
				2,4-DICHLOROPHENOL	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				2,4-DIMETHYLPHENOL	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				2,4-DINITROPHENOL	1.5	mg/kg	U	N Y	U	U							J217-01	23:27
				2,4-DINITROTOLUENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				2,6-DINITROTOLUENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				2-CHLORONAPHTHALENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				2-CHLOROPHENOL	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				2-METHYLNAPHTHALENE	15	mg/kg	E	Y N P	R						16		J217-01	23:27
				2-METHYLPHENOL	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				2-NITROANILINE	1.5	mg/kg	U	N Y	U	U							J217-01	23:27
				2-NITROPHENOL	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				3,3'-DICHLOROBENZIDINE	1.5	mg/kg	U	N Y	U	U							J217-01	23:27
				3-NITROANILINE	1.5	mg/kg	U	N Y	U	U							J217-01	23:27
				4,6-DINITRO-2-METHYLPHENOL	1.5	mg/kg	U	N Y	U	U							J217-01	23:27
				4-BROMOPHENYL-PHENYL ETHER	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				4-CHLORO-3-METHYLPHENOL	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				4-CHLOROANILINE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				4-CHLOROPHENYL-PHENYL ETHER	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				4-METHYLPHENOL	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				4-NITROANILINE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				4-NITROPHENOL	1.5	mg/kg	U	N Y	U	U							J217-01	23:27
				ACENAPHTHENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				ACENAPHTHYLENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				ANTHRACENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				BENZO(A)ANTHRACENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				BENZO(A)PYRENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				BENZO(B)FLUORANTHENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				BENZO(G,H,I)PERYLENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27
				BENZO(K)FLUORANTHENE	.77	mg/kg	U	N Y	U	U							J217-01	23:27

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 9 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-01																
TM0001	SW8270C	SW3550	N 0 2	BIS(2-CHLOROETHOXY)METHANE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				BIS(2-CHLOROETHYL)ETHER	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				BIS(2-CHLOROISOPROPYL)ETHER	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				BIS(2-ETHYLHEXYL)PHTHALATE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				BUTYLBENZYLPHthalate	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				CARBAZOLE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				CHRYSENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				DI-N-BUTYLPHTHALATE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				DI-N-OCTYLPHTHALATE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				DIBENZO(A,H)ANTHRACENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				DIBENZOFURAN	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				DIETHYLPHthalate	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				DIMETHYLPHthalate	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				FLUORANTHENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				FLUORENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				HEXACHLOROBENZENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				HEXACHLOROBUTADIENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				HEXACHLOROCYCLOPENTADIENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				HEXACHLOROETHANE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				INDENO(1,2,3-CD)PYRENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				ISOPHORONE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				N-NITROSO-DI-N-PROPYLAMINE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				N-NITROSODIPHENYLAMINE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				NAPHTHALENE	8.8	mg/kg		Y Y	P						J217-01	23:27
				NITROBENZENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				PENTACHLOROPHENOL	1.5	mg/kg	U	N Y	U	U					J217-01	23:27
				PHENANTHRENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				PHENOL	.77	mg/kg	U	N Y	U	U					J217-01	23:27
				PYRENE	.77	mg/kg	U	N Y	U	U					J217-01	23:27
SW8270C	SW3550	N 1 6		1,2,4-TRICHLOROBENZENE	2.3	mg/kg	U	N N	U	R	16				J217-01T	22:40
				1,2-DICHLOROBENZENE	2.3	mg/kg	U	N N	U	R	16				J217-01T	22:40
				1,3-DICHLOROBENZENE	2.3	mg/kg	U	N N	U	R	16				J217-01T	22:40
				1,4-DICHLOROBENZENE	2.3	mg/kg	U	N N	U	R	16				J217-01T	22:40
				2,4,5-TRICHLOROPHENOL	2.3	mg/kg	U	N N	U	R	16				J217-01T	22:40
				2,4,6-TRICHLOROPHENOL	4.4	mg/kg	U	N N	U	R	16				J217-01T	22:40
				2,4-DICHLOROPHENOL	2.3	mg/kg	U	N N	U	R	16				J217-01T	22:40
				2,4-DIMETHYLPHENOL	2.3	mg/kg	U	N N	U	R	16				J217-01T	22:40
				2,4-DINITROPHENOL	4.4	mg/kg	U	N N	U	R	16				J217-01T	22:40
				2,4-DINITROTOLUENE	2.3	mg/kg	U	N N	U	R	16				J217-01T	22:40
				2,6-DINITROTOLUENE	2.3	mg/kg	U	N N	U	R	16				J217-01T	22:40

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 10 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-01																
TM0001	SW8270C	SW3550	N 1 6	2-CHLORONAPHTHALENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				2-CHLOROPHENOL	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				2-METHYLNAPHTHALENE	15	mg/kg		Y Y	P		J217-01T	22:40				
				2-METHYLPHENOL	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				2-NITROANILINE	4.4	mg/kg	U	N N	U R	16	J217-01T	22:40				
				2-NITROPHENOL	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				3,3'-DICHLOROBENZIDINE	4.4	mg/kg	U	N N	U R	16	J217-01T	22:40				
				3-NITROANILINE	4.4	mg/kg	U	N N	U R	16	J217-01T	22:40				
				4,6-DINITRO-2-METHYLPHENOL	4.4	mg/kg	U	N N	U R	16	J217-01T	22:40				
				4-BROMOPHENYL-PHENYL ETHER	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				4-CHLORO-3-METHYLPHENOL	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				4-CHLOROANILINE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				4-CHLOROPHENYL-PHENYL ETHER	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				4-METHYLPHENOL	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				4-NITROANILINE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				4-NITROPHENOL	4.4	mg/kg	U	N N	U R	16	J217-01T	22:40				
				ACENAPHTHENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				ACENAPHTHYLENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				ANTHRACENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BENZO(A)ANTHRACENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BENZO(A)PYRENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BENZO(B)FLUORANTHENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BENZO(G,H,I)PERYLENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BENZO(K)FLUORANTHENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BIS(2-CHLOROETHOXY)METHANE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BIS(2-CHLOROETHYL)ETHER	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BIS(2-CHLOROISOPROPYL)ETHER	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BIS(2-ETHYLHEXYL)PHTHALATE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				BUTYLBENZYLPHTHALATE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				CARBAZOLE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				CHRYSENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				DI-N-BUTYLPHTHALATE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				DI-N-OCTYLPHTHALATE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				DIBENZO(A,H)ANTHRACENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				DIBENZOFURAN	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				DIETHYLPHTHALATE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				DIMETHYLPHTHALATE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				FLUORANTHENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				FLUORENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				
				HEXACHLOROBENZENE	2.3	mg/kg	U	N N	U R	16	J217-01T	22:40				

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 11 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
											1	2	3	4			
10188-01																	
TM0001	SW8270C	SW3550	N 1 6	HEXACHLOROBUTADIENE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				HEXACHLOROCYCLOPENTADIENE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				HEXACHLOROETHANE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				INDENO(1,2,3-CD)PYRENE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				ISOPHORONE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				N-NITROSO-DI-N-PROPYLAMINE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				N-NITROSODIPHENYLAMINE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				NAPHTHALENE	8.8	mg/kg		Y N P	R	16					J217-01T	22:40	
				NITROBENZENE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				PENTACHLOROPHENOL	4.4	mg/kg	U	N N U	R	16					J217-01T	22:40	
				PHENANTHRENE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				PHENOL	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
				PYRENE	2.3	mg/kg	U	N N U	R	16					J217-01T	22:40	
TM0002	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				1,2-DICHLOROBENZENE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				1,3-DICHLOROBENZENE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				1,4-DICHLOROBENZENE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2,4,5-TRICHLOROPHENOL	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2,4,6-TRICHLOROPHENOL	.74	mg/kg	U	N Y U	U						J217-02	23:56	
				2,4-DICHLOROPHENOL	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2,4-DIMETHYLPHENOL	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2,4-DINITROPHENOL	.74	mg/kg	U	N Y U	U						J217-02	23:56	
				2,4-DINITROTOLUENE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2,6-DINITROTOLUENE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2-CHLORONAPHTHALENE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2-CHLOROPHENOL	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2-METHYLNAPHTHALENE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2-METHYLPHENOL	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				2-NITROANILINE	.74	mg/kg	U	N Y U	U						J217-02	23:56	
				2-NITROPHENOL	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				3,3'-DICHLOROBENZIDINE	.74	mg/kg	U	N Y U	U						J217-02	23:56	
				3-NITROANILINE	.74	mg/kg	U	N Y U	U						J217-02	23:56	
				4,6-DINITRO-2-METHYLPHENOL	.74	mg/kg	U	N Y U	U						J217-02	23:56	
				4-BROMOPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				4-CHLORO-3-METHYLPHENOL	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				4-CHLOROANILINE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				4-CHLOROPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				4-METHYLPHENOL	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				4-NITROANILINE	.39	mg/kg	U	N Y U	U						J217-02	23:56	
				4-NITROPHENOL	.74	mg/kg	U	N Y U	U						J217-02	23:56	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 12 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:
	1	2	3										Lab Sample:	1	2	3	
10188-01																	
TM0002	SW8270C	SW3550	N 0 1		ACENAPHTHENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					ACENAPHTHYLENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					ANTHRACENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BENZO(A)ANTHRACENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BENZO(A)PYRENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BENZO(B)FLUORANTHENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BENZO(G,H,I)PERYLENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BENZO(K)FLUORANTHENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BIS(2-CHLOROETHOXY)METHANE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BIS(2-CHLOROETHYL)ETHER	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BIS(2-CHLOROISOPROPYL)ETHER	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BIS(2-ETHYLHEXYL)PHTHALATE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					BUTYLBENZYLPHthalate	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					CARBAZOLE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					CHRYSENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					DI-N-BUTYLPHTHALATE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					DI-N-OCTYLPHTHALATE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					DIBENZO(A,H)ANTHRACENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					DIBENZOFURAN	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					DIETHYLPHthalate	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					DIMETHYLPHthalate	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					FLUORANTHENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					FLUORENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					HEXACHLOROBENZENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					HEXACHLOROBUTADIENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					HEXACHLOROCYCLOPENTADIENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					HEXACHLOROETHANE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					INDENO(1,2,3-CD)PYRENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					ISOPHORONE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					N-NITROSO-DI-N-PROPYLAMINE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					N-NITROSODIPHENYLAMINE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					NAPHTHALENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					NITROBENZENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					PENTACHLOROPHENOL	.74	mg/kg	U	N Y	U	U			J217-02			23:56
					PHENANTHRENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					PHENOL	.39	mg/kg	U	N Y	U	U			J217-02			23:56
					PYRENE	.39	mg/kg	U	N Y	U	U			J217-02			23:56
TM0003	SW8270C	SW3550	N 0 1		1,2,4-TRICHLOROBENZENE	.4	mg/kg	U	N Y	U	U			J217-03			00:26
					1,2-DICHLOROBENZENE	.4	mg/kg	U	N Y	U	U			J217-03			00:26
					1,3-DICHLOROBENZENE	.4	mg/kg	U	N Y	U	U			J217-03			00:26

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 13 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-01																
TM0003	SW8270C	SW3550	N 0 1	1,4-DICHLOROBENZENE	.4	mg/kg	U		N Y U U						J217-03	00:26
				2,4,5-TRICHLOROPHENOL	.4	mg/kg	U		N Y U U						J217-03	00:26
				2,4,6-TRICHLOROPHENOL	.77	mg/kg	U		N Y U U						J217-03	00:26
				2,4-DICHLOROPHENOL	.4	mg/kg	U		N Y U U						J217-03	00:26
				2,4-DIMETHYLPHENOL	.4	mg/kg	U		N Y U U						J217-03	00:26
				2,4-DINITROPHENOL	.77	mg/kg	U		N Y U U						J217-03	00:26
				2,4-DINITROTOLUENE	.4	mg/kg	U		N Y U U						J217-03	00:26
				2,6-DINITROTOLUENE	.4	mg/kg	U		N Y U U						J217-03	00:26
				2-CHLORONAPHTHALENE	.4	mg/kg	U		N Y U U						J217-03	00:26
				2-CHLOROPHENOL	.4	mg/kg	U		N Y U U						J217-03	00:26
				2-METHYLNAPHTHALENE	.4	mg/kg	U		N Y U U						J217-03	00:26
				2-METHYLPHENOL	.4	mg/kg	U		N Y U U						J217-03	00:26
				2-NITROANILINE	.77	mg/kg	U		N Y U U						J217-03	00:26
				2-NITROPHENOL	.4	mg/kg	U		N Y U U						J217-03	00:26
				3,3'-DICHLOROBENZIDINE	.77	mg/kg	U		N Y U U						J217-03	00:26
				3-NITROANILINE	.77	mg/kg	U		N Y U U						J217-03	00:26
				4,6-DINITRO-2-METHYLPHENOL	.77	mg/kg	U		N Y U U						J217-03	00:26
				4-BROMOPHENYL-PHENYL ETHER	.4	mg/kg	U		N Y U U						J217-03	00:26
				4-CHLORO-3-METHYLPHENOL	.4	mg/kg	U		N Y U U						J217-03	00:26
				4-CHLOROANILINE	.4	mg/kg	U		N Y U U						J217-03	00:26
				4-CHLOROPHENYL-PHENYL ETHER	.4	mg/kg	U		N Y U U						J217-03	00:26
				4-METHYLPHENOL	.4	mg/kg	U		N Y U U						J217-03	00:26
				4-NITROANILINE	.4	mg/kg	U		N Y U U						J217-03	00:26
				4-NITROPHENOL	.77	mg/kg	U		N Y U U						J217-03	00:26
				ACENAPHTHENE	.095	mg/kg	J		Y Y P J		15				J217-03	00:26
				ACENAPHTHYLENE	.4	mg/kg	U		N Y U U						J217-03	00:26
				ANTHRACENE	.11	mg/kg	J		Y Y P J		15				J217-03	00:26
				BENZO(A)ANTHRACENE	.33	mg/kg	J		Y Y P J		15				J217-03	00:26
				BENZO(A)PYRENE	.3	mg/kg	J		Y Y P J		15				J217-03	00:26
				BENZO(B)FLUORANTHENE	.43	mg/kg			Y Y P						J217-03	00:26
				BENZO(G,H,I)PERYLENE	.24	mg/kg	J		Y Y P J		15				J217-03	00:26
				BENZO(K)FLUORANTHENE	.14	mg/kg	J		Y Y P J		15				J217-03	00:26
				BIS(2-CHLOROETHOXY)METHANE	.4	mg/kg	U		N Y U U						J217-03	00:26
				BIS(2-CHLOROETHYL)ETHER	.4	mg/kg	U		N Y U U						J217-03	00:26
				BIS(2-CHLOROISOPROPYL)ETHER	.4	mg/kg	U		N Y U U						J217-03	00:26
				BIS(2-ETHYLHEXYL)PHTHALATE	.4	mg/kg	U		N Y U U						J217-03	00:26
				BUTYLBENZYLPHTHALATE	.4	mg/kg	U		N Y U U						J217-03	00:26
				CARBAZOLE	.084	mg/kg	J		Y Y P J		15				J217-03	00:26
				CHRYSENE	.3	mg/kg	J		Y Y P J		15				J217-03	00:26
				DI-N-BUTYLPHTHALATE	.4	mg/kg	U		N Y U U						J217-03	00:26

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 14 of 63

Sample Number:	Analytical/Extraction Method:				Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:
	1	2	3	4										Lab Sample:				
10188-01																		
TM0003	SW8270C	SW3550	N 0 1	DI-N-OCTYLPHthalATE	.4	mg/kg	U	N	Y	U	U	15	15	J217-03	J217-03	00:26		
				DIBENZO(A,H)ANTHRACENE	.06	mg/kg	J	Y	Y	P	J			J217-03	J217-03	00:26		
				DIBENZOFURAN	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				DIETHYLPHthalATE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				DIMETHYLPHthalATE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				FLUORANTHENE	.77	mg/kg		Y	Y	P				J217-03	J217-03	00:26		
				FLUORENE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				HEXACHLOROBENZENE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				HEXACHLOROBUTADIENE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				HEXACHLOROCYCLOPENTADIENE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				HEXACHLOROETHANE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				INDENO(1,2,3-CD)PYRENE	.24	mg/kg	J	Y	Y	P	J			J217-03	J217-03	00:26		
				ISOPHORONE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				N-NITROSO-DI-N-PROPYLAMINE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				N-NITROSODIPHENYLAMINE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				NAPHTHALENE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				NITROBENZENE	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				PENTACHLOROPHENOL	.77	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				PHENANTHRENE	.48	mg/kg		Y	Y	P				J217-03	J217-03	00:26		
				PHENOL	.4	mg/kg	U	N	Y	U	U			J217-03	J217-03	00:26		
				PYRENE	.56	mg/kg		Y	Y	P				J217-03	J217-03	00:26		
TM0004	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U	15	15	J217-04	J217-04	00:56		
				1,2-DICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				1,3-DICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				1,4-DICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2,4,5-TRICHLOROPHENOL	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2,4,6-TRICHLOROPHENOL	.72	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2,4-DICHLOROPHENOL	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2,4-DIMETHYLPHENOL	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2,4-DINITROPHENOL	.72	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2,4-DINITROTOLUENE	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2,6-DINITROTOLUENE	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2-CHLORONAPHTHALENE	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2-CHLOROPHENOL	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2-METHYLNAPHTHALENE	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2-METHYLPHENOL	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2-NITROANILINE	.72	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				2-NITROPHENOL	.38	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				3,3'-DICHLOROBENZIDINE	.72	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		
				3-NITROANILINE	.72	mg/kg	U	N	Y	U	U			J217-04	J217-04	00:56		

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 15 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-01																
TM0004	SW8270C	SW3550	N 0 1	4,6-DINITRO-2-METHYLPHENOL	.72	mg/kg	U	N Y	U	U					J217-04	00:56
				4-BROMOPHENYL-PHENYL ETHER	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				4-CHLORO-3-METHYLPHENOL	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				4-CHLOROANILINE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				4-CHLOROPHENYL-PHENYL ETHER	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				4-METHYLPHENOL	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				4-NITROANILINE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				4-NITROPHENOL	.72	mg/kg	U	N Y	U	U					J217-04	00:56
				ACENAPHTHENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				ACENAPHTHYLENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				ANTHRACENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BENZO(A)ANTHRACENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BENZO(A)PYRENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BENZO(B)FLUORANTHENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BENZO(G,H,I)PERYLENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BENZO(K)FLUORANTHENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BIS(2-CHLOROETHOXY)METHANE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BIS(2-CHLOROETHYL)ETHER	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BIS(2-CHLOROISOPROPYL)ETHER	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BIS(2-ETHYLHEXYL)PHTHALATE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				BUTYLBENZYLPHTHALATE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				CARBAZOLE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				CHRYSENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				DI-N-BUTYLPHTHALATE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				DI-N-OCTYLPHTHALATE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				DIBENZO(A,H)ANTHRACENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				DIBENZOFURAN	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				DIETHYLPHTHALATE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				DIMETHYLPHTHALATE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				FLUORANTHENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				FLUORENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				HEXACHLOROBENZENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				HEXACHLOROBUTADIENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				HEXACHLOROCYCLOPENTADIENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				HEXACHLOROETHANE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				INDENO(1,2,3-CD)PYRENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				ISOPHORONE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				N-NITROSO-DI-N-PROPYLAMINE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				N-NITROSODIPHENYLAMINE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				NAPHTHALENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 16 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-01																
TM0004	SW8270C	SW3550	N 0 1	NITROBENZENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				PENTACHLOROPHENOL	.72	mg/kg	U	N Y	U	U					J217-04	00:56
				PHENANTHRENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				PHENOL	.38	mg/kg	U	N Y	U	U					J217-04	00:56
				PYRENE	.38	mg/kg	U	N Y	U	U					J217-04	00:56
TM0007	SW8270C	SW3550	N 0 2	1,2,4-TRICHLOROBENZENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				1,2-DICHLOROBENZENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				1,3-DICHLOROBENZENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				1,4-DICHLOROBENZENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2,4,5-TRICHLOROPHENOL	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2,4,6-TRICHLOROPHENOL	1.4	mg/kg	U	N Y	U	U					J217-05	01:56
				2,4-DICHLOROPHENOL	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2,4-DIMETHYLPHENOL	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2,4-DINITROPHENOL	1.4	mg/kg	U	N Y	U	U					J217-05	01:56
				2,4-DINITROTOLUENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2,6-DINITROTOLUENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2-CHLORONAPHTHALENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2-CHLOROPHENOL	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2-METHYLNAPHTHALENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2-METHYLPHENOL	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				2-NITROANILINE	1.4	mg/kg	U	N Y	U	U					J217-05	01:56
				2-NITROPHENOL	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				3,3'-DICHLOROBENZIDINE	1.4	mg/kg	U	N Y	U	U					J217-05	01:56
				3-NITROANILINE	1.4	mg/kg	U	N Y	U	U					J217-05	01:56
				4,6-DINITRO-2-METHYLPHENOL	1.4	mg/kg	U	N Y	U	U					J217-05	01:56
				4-BROMOPHENYL-PHENYL ETHER	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				4-CHLORO-3-METHYLPHENOL	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				4-CHLOROANILINE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				4-CHLOROPHENYL-PHENYL ETHER	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				4-METHYLPHENOL	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				4-NITROANILINE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				4-NITROPHENOL	1.4	mg/kg	U	N Y	U	U					J217-05	01:56
				ACENAPHTHENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				ACENAPHTHYLENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				ANTHRACENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				BENZO(A)ANTHRACENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				BENZO(A)PYRENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				BENZO(B)FLUORANTHENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				BENZO(G,H,I)PERYLENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				BENZO(K)FLUORANTHENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 17 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-01																
TM0007	SW8270C	SW3550	N 0 2	BIS(2-CHLOROETHOXY)METHANE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				BIS(2-CHLOROETHYL)ETHER	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				BIS(2-CHLOROISOPROPYL)ETHER	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				BIS(2-ETHYLHEXYL)PHTHALATE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				BUTYLBENZYLPHthalate	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				CARBAZOLE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				CHRYSENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				DI-N-BUTYLPHthalate	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				DI-N-OCTYLPHthalate	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				DIBENZO(A,H)ANTHRACENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				DIBENZOFURAN	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				DIETHYLPHthalate	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				DIMETHYLPHthalate	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				FLUORANTHENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				FLUORENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				HEXACHLOROBENZENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				HEXACHLOROBUTADIENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				HEXACHLOROCYCLOPENTADIENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				HEXACHLOROETHANE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				INDENO(1,2,3-CD)PYRENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				ISOPHORONE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				N-NITROSO-DI-N-PROPYLAMINE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				N-NITROSODIPHENYLAMINE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				NAPHTHALENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				NITROBENZENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				PENTACHLOROPHENOL	1.4	mg/kg	U	N Y	U	U					J217-05	01:56
				PHENANTHRENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				PHENOL	.74	mg/kg	U	N Y	U	U					J217-05	01:56
				PYRENE	.74	mg/kg	U	N Y	U	U					J217-05	01:56
TM0008	SW8270C	SW3550	N 0 2	1,2,4-TRICHLOROBENZENE	.74	mg/kg	U	N Y		U					J217-06	02:26
				1,2-DICHLOROBENZENE	.74	mg/kg	U	N Y		U					J217-06	02:26
				1,3-DICHLOROBENZENE	.74	mg/kg	U	N Y		U					J217-06	02:26
				1,4-DICHLOROBENZENE	.74	mg/kg	U	N Y		U					J217-06	02:26
				2,4,5-TRICHLOROPHENOL	.74	mg/kg	U	N Y		U					J217-06	02:26
				2,4,6-TRICHLOROPHENOL	1.4	mg/kg	U	N Y		U					J217-06	02:26
				2,4-DICHLOROPHENOL	.74	mg/kg	U	N Y		U					J217-06	02:26
				2,4-DIMETHYLPHENOL	.74	mg/kg	U	N Y		U					J217-06	02:26
				2,4-DINITROPHENOL	1.4	mg/kg	U	N Y		U					J217-06	02:26
				2,4-DINITROTOLUENE	.74	mg/kg	U	N Y		U					J217-06	02:26
				2,6-DINITROTOLUENE	.74	mg/kg	U	N Y		U					J217-06	02:26

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 18 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val	Val	Reason Codes				Analysis Time:	
									Qlfr	Code:	1	2	3	4	Lab Sample:	
10188-01																
TM0008	SW8270C	SW3550	N 0 2	2-CHLORONAPHTHALENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				2-CHLOROPHENOL	.74	mg/kg	U	N Y	U		J217-06					02:26
				2-METHYLNAPHTHALENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				2-METHYLPHENOL	.74	mg/kg	U	N Y	U		J217-06					02:26
				2-NITROANILINE	1.4	mg/kg	U	N Y	U		J217-06					02:26
				2-NITROPHENOL	.74	mg/kg	U	N Y	U		J217-06					02:26
				3,3'-DICHLOROBENZIDINE	1.4	mg/kg	U	N Y	U		J217-06					02:26
				3-NITROANILINE	1.4	mg/kg	U	N Y	U		J217-06					02:26
				4,6-DINITRO-2-METHYLPHENOL	1.4	mg/kg	U	N Y	U		J217-06					02:26
				4-BROMOPHENYL-PHENYL ETHER	.74	mg/kg	U	N Y	U		J217-06					02:26
				4-CHLORO-3-METHYLPHENOL	.74	mg/kg	U	N Y	U		J217-06					02:26
				4-CHLOROPHENYL-PHENYL ETHER	.74	mg/kg	U	N Y	U		J217-06					02:26
				4-METHYLPHENOL	.74	mg/kg	U	N Y	U		J217-06					02:26
				4-NITROANILINE	.74	mg/kg	U	N Y	U		J217-06					02:26
				4-NITROPHENOL	1.4	mg/kg	U	N Y	U		J217-06					02:26
				ACENAPHTHENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				ACENAPHTHYLENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				ANTHRACENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				BENZO(A)ANTHRACENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				BENZO(A)PYRENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				BENZO(B)FLUORANTHENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				BENZO(G,H,I)PERYLENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				BENZO(K)FLUORANTHENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				BIS(2-CHLOROETHOXY)METHANE	.74	mg/kg	U	N Y	U		J217-06					02:26
				BIS(2-CHLOROETHYL)ETHER	.74	mg/kg	U	N Y	U		J217-06					02:26
				BIS(2-CHLOROISOPROPYL)ETHER	.74	mg/kg	U	N Y	U		J217-06					02:26
				BIS(2-ETHYLHEXYL)PHTHALATE	.74	mg/kg	U	N Y	U		J217-06					02:26
				BUTYLBENZYLPHTHALATE	.74	mg/kg	U	N Y	U		J217-06					02:26
				CARBAZOLE	.74	mg/kg	U	N Y	U		J217-06					02:26
				CHRYSENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				DI-N-BUTYLPHTHALATE	.74	mg/kg	U	N Y	U		J217-06					02:26
				DI-N-OCTYLPHTHALATE	.74	mg/kg	U	N Y	U		J217-06					02:26
				DIBENZO(A,H)ANTHRACENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				DIBENZOFURAN	.74	mg/kg	U	N Y	U		J217-06					02:26
				DIETHYLPHTHALATE	.74	mg/kg	U	N Y	U		J217-06					02:26
				DIMETHYLPHTHALATE	.74	mg/kg	U	N Y	U		J217-06					02:26
				FLUORANTHENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				FLUORENE	.74	mg/kg	U	N Y	U		J217-06					02:26
				HEXACHLOROBENZENE	.74	mg/kg	U	N Y	U		J217-06					02:26

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 19 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-01																
TM0008	SW8270C	SW3550	N 0 2	HEXACHLOROBUTADIENE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				HEXACHLOROCYCLOPENTADIENE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				HEXACHLOROETHANE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				INDENO(1,2,3-CD)PYRENE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				ISOPHORONE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				N-NITROSO-DI-N-PROPYLAMINE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				N-NITROSODIPHENYLAMINE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				NAPHTHALENE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				NITROBENZENE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				PENTACHLOROPHENOL	1.4	mg/kg	U	N Y	U		J217-06	02:26				
				PHENANTHRENE	.74	mg/kg	U	N Y	U		J217-06	02:26				
				PHENOL	.74	mg/kg	U	N Y	U		J217-06	02:26				
				PYRENE	.74	mg/kg	U	N Y	U		J217-06	02:26				
TM0009	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				1,2-DICHLOROBENZENE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				1,3-DICHLOROBENZENE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				1,4-DICHLOROBENZENE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2,4,5-TRICHLOROPHENOL	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2,4,6-TRICHLOROPHENOL	.75	mg/kg	U	N Y	U	U	J217-07	02:56				
				2,4-DICHLOROPHENOL	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2,4-DIMETHYLPHENOL	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2,4-DINITROPHENOL	.75	mg/kg	U	N Y	U	U	J217-07	02:56				
				2,4-DINITROTOLUENE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2,6-DINITROTOLUENE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2-CHLORONAPHTHALENE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2-CHLOROPHENOL	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2-METHYLNAPHTHALENE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2-METHYLPHENOL	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				2-NITROANILINE	.75	mg/kg	U	N Y	U	U	J217-07	02:56				
				2-NITROPHENOL	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				3,3'-DICHLOROBENZIDINE	.75	mg/kg	U	N Y	U	U	J217-07	02:56				
				3-NITROANILINE	.75	mg/kg	U	N Y	U	U	J217-07	02:56				
				4,6-DINITRO-2-METHYLPHENOL	.75	mg/kg	U	N Y	U	U	J217-07	02:56				
				4-BROMOPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				4-CHLORO-3-METHYLPHENOL	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				4-CHLOROANILINE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				4-CHLOROPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				4-METHYLPHENOL	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				4-NITROANILINE	.39	mg/kg	U	N Y	U	U	J217-07	02:56				
				4-NITROPHENOL	.75	mg/kg	U	N Y	U	U	J217-07	02:56				

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 20 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:
	1	2	3										Lab Sample:	1	2	3	
10188-01																	
TM0009	SW8270C	SW3550	N 0 1		ACENAPHTHENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					ACENAPHTHYLENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					ANTHRACENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BENZO(A)ANTHRACENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BENZO(A)PYRENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BENZO(B)FLUORANTHENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BENZO(G,H,I)PERYLENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BENZO(K)FLUORANTHENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BIS(2-CHLOROETHOXY)METHANE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BIS(2-CHLOROETHYL)ETHER	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BIS(2-CHLOROISOPROPYL)ETHER	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BIS(2-ETHYLHEXYL)PHTHALATE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					BUTYLBENZYLPHthalate	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					CARBAZOLE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					CHRYSENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					DI-N-BUTYLPHTHALATE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					DI-N-OCTYLPHTHALATE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					DIBENZO(A,H)ANTHRACENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					DIBENZOFURAN	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					DIETHYLPHthalate	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					DIMETHYLPHthalate	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					FLUORANTHENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					FLUORENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					HEXACHLOROBENZENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					HEXACHLOROBUTADIENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					HEXACHLOROCYCLOPENTADIENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					HEXACHLOROETHANE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					INDENO(1,2,3-CD)PYRENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					ISOPHORONE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					N-NITROSO-DI-N-PROPYLAMINE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					N-NITROSODIPHENYLAMINE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					NAPHTHALENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					NITROBENZENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					PENTACHLOROPHENOL	.75	mg/kg	U	N Y	U	U			J217-07			02:56
					PHENANTHRENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					PHENOL	.39	mg/kg	U	N Y	U	U			J217-07			02:56
					PYRENE	.39	mg/kg	U	N Y	U	U			J217-07			02:56
TM0001	SW8260B	SW5035	N 0 0.87		1,1,1,2-TETRACHLOROETHANE	.0051	mg/kg	U	N Y	U	U			J217-01R			02:13
					1,1,1-TRICHLOROETHANE	.0051	mg/kg	U	N Y	U	U			J217-01R			02:13
					1,1,2,2-TETRACHLOROETHANE	.0051	mg/kg	U	N Y	U	U			J217-01R			02:13

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 21 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
											1	2	3	4			
10188-01																	
TM0001	SW8260B	SW5035	N 0 0.87	1,1,2-TRICHLOROETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,1-DICHLOROETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,1-DICHLOROETHENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,1-DICHLOROPROPENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,2,3-TRICHLOROBENZENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,2,3-TRICHLOROPROPANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,2,4-TRICHLOROBENZENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,2,4-TRIMETHYLBENZENE	2.8	mg/kg	E	Y N P R						16		J217-01R	02:13
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/kg	U	N Y U U								J217-01R	02:13
				1,2-DIBROMOETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,2-DICHLOROBENZENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,2-DICHLOROETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,2-DICHLOROPROPANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,3,5-TRIMETHYLBENZENE	5.1	mg/kg	E	Y N P R						16		J217-01R	02:13
				1,3-DICHLOROBENZENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,3-DICHLOROPROPANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				1,4-DICHLOROBENZENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				2,2-DICHLOROPROPANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				2-BUTANONE	.02	mg/kg	U	N Y U U								J217-01R	02:13
				2-CHLOROTOLUENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				2-HEXANONE	.02	mg/kg	U	N Y U U								J217-01R	02:13
				4-CHLOROTOLUENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				4-METHYL-2-PENTANONE	.02	mg/kg	U	N Y U U								J217-01R	02:13
				ACETONE	.016	mg/kg	J	Y Y P J						07A 15		J217-01R	02:13
				BENZENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				BROMOBENZENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				BROMOCHLOROMETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				BROMODICHLOROMETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				BROMOFORM	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				BROMOMETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				CARBON DISULFIDE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				CARBON TETRACHLORIDE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				CHLOROBENZENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				CHLOROETHANE	.01	mg/kg	U	N Y U U								J217-01R	02:13
				CHLOROFORM	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				CHLOROMETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				CIS-1,2-DICHLOROETHENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				CIS-1,3-DICHLOROPROPENE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				DIBROMOCHLOROMETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13
				DIBROMOMETHANE	.0051	mg/kg	U	N Y U U								J217-01R	02:13

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 22 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
	1	2	3										Lab Sample:	1	2	3	4	
10188-01																		
TM0001	SW8260B	SW5035	N 0 0.87	DICHLORODIFLUOROMETHANE		.01	mg/kg	U	N Y	U	U							J217-01R 02:13
				ETHYLBENZENE		1	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				HEXACHLOROBUTADIENE		.0051	mg/kg	U	N Y	U	U							J217-01R 02:13
				ISOPROPYL BENZENE		1.1	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				M/P-XYLENES		1.5	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				METHYLENE CHLORIDE		.01	mg/kg	U	N Y	U	U							J217-01R 02:13
				N-BUTYLBENZENE		.78	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				N-PROPYLBENZENE		6.6	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				NAPHTHALENE		.55	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				O-XYLENE		1.3	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				P-ISOPROPYLtolUENE		.25	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				SEC-BUTYLBENZENE		.59	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				STYRENE		.0051	mg/kg	U	N Y	U	U							J217-01R 02:13
				TERT-BUTYLBENZENE		.0051	mg/kg	U	N Y	U	U							J217-01R 02:13
				TETRACHLOROETHENE		.0051	mg/kg	U	N Y	U	U							J217-01R 02:13
				TOLUENE		.66	mg/kg	E	Y N	P	R		16					J217-01R 02:13
				TRANS-1,2-DICHLOROETHENE		.0051	mg/kg	U	N Y	U	U							J217-01R 02:13
				TRANS-1,3-DICHLOROPROPENE		.0051	mg/kg	U	N Y	U	U							J217-01R 02:13
				TRICHLOROETHENE		.0051	mg/kg	U	N Y	U	U							J217-01R 02:13
				TRICHLOROFLUOROMETHANE		.0051	mg/kg	U	N Y	U	U							J217-01R 02:13
				VINYL CHLORIDE		.0051	mg/kg	U	N Y	U	U							J217-01R 02:13
SW8260B	SW5035	N 1 990		1,1,1,2-TETRACHLOROETHANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,1,1-TRICHLOROETHANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,1,2,2-TETRACHLOROETHANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,1,2-TRICHLOROETHANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,1-DICHLOROETHANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,1-DICHLOROETHENE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,1-DICHLOROPROPENE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,2,3-TRICHLOROBENZENE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,2,3-TRICHLOROPROPANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,2,4-TRICHLOROBENZENE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,2,4-TRIMETHYLBENZENE		310	mg/kg	E	Y N	P	R		16					J217-01T 18:28
				1,2-DIBROMO-3-CHLOROPROPANE		12	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,2-DIBROMOETHANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,2-DICHLOROBENZENE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,2-DICHLOROETHANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,2-DICHLOROPROPANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,3,5-TRIMETHYLBENZENE		110	mg/kg	E	Y N	P	R		16					J217-01T 18:28
				1,3-DICHLOROBENZENE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28
				1,3-DICHLOROPROPANE		5.8	mg/kg	U	N N	U	R		16					J217-01T 18:28

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 23 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-01																
TM0001	SW8260B	SW5035	N 1 990	1,4-DICHLOROBENZENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				2,2-DICHLOROPROPANE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				2-BUTANONE	23	mg/kg	U	N N U	R	16	J217-01T	18:28				
				2-CHLOROTOLUENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				2-HEXANONE	23	mg/kg	U	N N U	R	16	J217-01T	18:28				
				4-CHLOROTOLUENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				4-METHYL-2-PENTANONE	23	mg/kg	U	N N U	R	16	J217-01T	18:28				
				ACETONE	23	mg/kg	U	N N U	R	16	J217-01T	18:28				
				BENZENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				BROMOBENZENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				BROMOCHLOROMETHANE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				BROMODICHLOROMETHANE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				BROMOFORM	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				BROMOMETHANE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				CARBON DISULFIDE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				CARBON TETRACHLORIDE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				CHLOROBENZENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				CHLOROETHANE	12	mg/kg	U	N N U	R	16	J217-01T	18:28				
				CHLOROFORM	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				CHLOROMETHANE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				CIS-1,2-DICHLOROETHENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				CIS-1,3-DICHLOROPROPENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				DIBROMOCHLOROMETHANE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				DIBROMOMETHANE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				DICHLORODIFLUOROMETHANE	12	mg/kg	U	N N U	R	16	J217-01T	18:28				
				ETHYLBENZENE	40	mg/kg	Y Y P				J217-01T	18:28				
				HEXAChLOROBUTADIENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				ISOPROPYL BENZENE	12	mg/kg	Y Y P				J217-01T	18:28				
				M/P-XYLENES	140	mg/kg	E	Y N P	R	16	J217-01T	18:28				
				METHYLENE CHLORIDE	12	mg/kg	U	N N U	R	16	J217-01T	18:28				
				N-BUTYLBENZENE	28	mg/kg	Y Y P				J217-01T	18:28				
				N-PROPYLBENZENE	53	mg/kg	E	Y N P	R	16	J217-01T	18:28				
				NAPHTHALENE	59	mg/kg	E	Y N P	R	16	J217-01T	18:28				
				O-XYLENE	78	mg/kg	E	Y N P	R	16	J217-01T	18:28				
				P-ISOPROPYLtolUENE	4.5	mg/kg	J	Y Y P	J	15	J217-01T	18:28				
				SEC-BUTYLBENZENE	8.2	mg/kg	Y Y P				J217-01T	18:28				
				STYRENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				TERT-BUTYLBENZENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				TETRACHLOROETHENE	5.8	mg/kg	U	N N U	R	16	J217-01T	18:28				
				TOLUENE	2.6	mg/kg	J	Y Y P	J	15	J217-01T	18:28				

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 24 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-01																
TM0001	SW8260B	SW5035	N 1 990	TRANS-1,2-DICHLOROETHENE	5.8	mg/kg	U	N N	U	R	16				J217-01T	18:28
				TRANS-1,3-DICHLOROPROPENE	5.8	mg/kg	U	N N	U	R	16				J217-01T	18:28
				TRICHLOROETHENE	5.8	mg/kg	U	N N	U	R	16				J217-01T	18:28
				TRICHLOROFLUOROMETHANE	5.8	mg/kg	U	N N	U	R	16				J217-01T	18:28
				VINYL CHLORIDE	5.8	mg/kg	U	N N	U	R	16				J217-01T	18:28
	SW8260B	SW5035	N 2 1980	1,1,1,2-TETRACHLOROETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,1,1-TRICHLOROETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,1,2,2-TETRACHLOROETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,1,2-TRICHLOROETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,1-DICHLOROETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,1-DICHLOROETHENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,1-DICHLOROPROPENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,2,3-TRICHLOROBENZENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,2,3-TRICHLOROPROPANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,2,4-TRICHLOROBENZENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,2,4-TRIMETHYLBENZENE	330	mg/kg	Y Y	P							J217-01I	19:03
				1,2-DIBROMO-3-CHLOROPROPANE	23	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,2-DIBROMOETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,2-DICHLOROBENZENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,2-DICHLOROETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,2-DICHLOROPROPANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,3,5-TRIMETHYLBENZENE	110	mg/kg	Y Y	P							J217-01I	19:03
				1,3-DICHLOROBENZENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,3-DICHLOROPROPANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				1,4-DICHLOROBENZENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				2,2-DICHLOROPROPANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				2-BUTANONE	46	mg/kg	U	N N	U	R	16				J217-01I	19:03
				2-CHLOROTOLUENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				2-HEXANONE	46	mg/kg	U	N N	U	R	16				J217-01I	19:03
				4-CHLOROTOLUENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				4-METHYL-2-PENTANONE	46	mg/kg	U	N N	U	R	16				J217-01I	19:03
				ACETONE	46	mg/kg	U	N N	U	R	16				J217-01I	19:03
				BENZENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				BROMOBENZENE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				BROMOCHLOROMETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				BROMODICHLOROMETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				BROMOFORM	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				BROMOMETHANE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				CARBON DISULFIDE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03
				CARBON TETRACHLORIDE	12	mg/kg	U	N N	U	R	16				J217-01I	19:03

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 25 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
10188-01																		
TM0001	SW8260B	SW5035	N 2 1980		CHLOROBENZENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					CHLOROETHANE	23	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					CHLOROFORM	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					CHLOROMETHANE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					CIS-1,2-DICHLOROETHENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					CIS-1,3-DICHLOROPROPENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					DIBROMOCHLOROMETHANE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					DIBROMOMETHANE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					DICHLORODIFLUOROMETHANE	23	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					ETHYLBENZENE	40	mg/kg		Y N	P	R	16		J217-01I		19:03		
					HEXACHLOROBUTADIENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					ISOPROPYL BENZENE	12	mg/kg		Y N	P	R	16		J217-01I		19:03		
					M/P-XYLENES	150	mg/kg		Y N	P	R	16		J217-01I		19:03		
					METHYLENE CHLORIDE	23	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					N-BUTYLBENZENE	28	mg/kg		Y N	P	R	16		J217-01I		19:03		
					N-PROPYLBENZENE	53	mg/kg		Y Y	P				J217-01I		19:03		
					NAPHTHALENE	55	mg/kg		Y Y	P				J217-01I		19:03		
					O-XYLENE	80	mg/kg		Y Y	P				J217-01I		19:03		
					P-ISOPROPYLtolUENE	4.6	mg/kg	J	Y N	P	R	16		J217-01I		19:03		
					SEC-BUTYLBENZENE	8.2	mg/kg	J	Y N	P	R	16		J217-01I		19:03		
					STYRENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					TERT-BUTYLBENZENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					TETRACHLOROETHENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					TOLUENE	2.7	mg/kg	J	Y N	P	R	16		J217-01I		19:03		
					TRANS-1,2-DICHLOROETHENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					TRANS-1,3-DICHLOROPROPENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					TRICHLOROETHENE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					TRICHLOROFUOROMETHANE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
					VINYL CHLORIDE	12	mg/kg	U	N N	U	R	16		J217-01I		19:03		
TM0002	SW8260B	SW5035	N 0 0.89		1,1,1,2-TETRACHLOROETHANE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,1,1-TRICHLOROETHANE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,1,2,2-TETRACHLOROETHANE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,1,2-TRICHLOROETHANE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,1-DICHLOROETHANE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,1-DICHLOROETHENE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,1-DICHLOROPROPENE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,2,3-TRICHLOROBENZENE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,2,3-TRICHLOROPROPANE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,2,4-TRICHLOROBENZENE	.0052	mg/kg	U	N Y	U	U			J217-02		04:27		
					1,2,4-TRIMETHYLBENZENE	.01	mg/kg		Y Y	P				J217-02		04:27		

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 26 of 63

Sample Number:	Analytical/Extraction Method: Flt REX Dil:				Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	Method:	Flt	REX	Dil:									1	2	3	4			
10188-01																			
TM0002	SW8260B	SW5035	N	0	0.89	1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/kg	U	N	Y	U	U					J217-02	04:27
						1,2-DIBROMOETHANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						1,2-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						1,2-DICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						1,2-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						1,3,5-TRIMETHYLBENZENE	.0029	mg/kg	J	Y	Y	P	J	15				J217-02	04:27
						1,3-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						1,3-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						1,4-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						2,2-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	UJ	05B				J217-02	04:27
						2-BUTANONE	.021	mg/kg	U	N	Y	U	U					J217-02	04:27
						2-CHLOROTOLUENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						2-HEXANONE	.021	mg/kg	U	N	Y	U	U					J217-02	04:27
						4-CHLOROTOLUENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						4-METHYL-2-PENTANONE	.021	mg/kg	U	N	Y	U	U					J217-02	04:27
						ACETONE	.021	mg/kg	U	N	Y	U	U					J217-02	04:27
						BENZENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						BROMOBENZENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						BROMOCHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						BROMODICHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						BROMOFORM	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						BROMOMETHANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						CARBON DISULFIDE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						CARBON TETRACHLORIDE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						CHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						CHLOROETHANE	.01	mg/kg	U	N	Y	U	U					J217-02	04:27
						CHLOROFORM	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						CHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						CIS-1,2-DICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						CIS-1,3-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						DIBROMOCHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						DIBROMOMETHANE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						DICHLORODIFLUOROMETHANE	.01	mg/kg	U	N	Y	U	U					J217-02	04:27
						ETHYLBENZENE	.0014	mg/kg	J	Y	Y	P	J	15				J217-02	04:27
						HEXACHLOROBUTADIENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						ISOPROPYL BENZENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						M/P-XYLENES	.0055	mg/kg	J	Y	Y	F	B	06A 15				J217-02	04:27
						METHYLENE CHLORIDE	.01	mg/kg	U	N	Y	U	U					J217-02	04:27
						N-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27
						N-PROPYLBENZENE	.0052	mg/kg	U	N	Y	U	U					J217-02	04:27

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 27 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-01																
TM0002	SW8260B	SW5035	N 0 0.89	NAPHTHALENE	.01	mg/kg	U	N Y U U							J217-02	04:27
				O-XYLENE	.0041	mg/kg	J	Y Y P J							J217-02	04:27
				P-ISOPROPYLTOLUENE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				SEC-BUTYLBENZENE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				STYRENE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				TERT-BUTYLBENZENE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				TETRACHLOROETHENE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				TOLUENE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				TRANS-1,2-DICHLOROETHENE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				TRANS-1,3-DICHLOROPROPENE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				TRICHLOROETHENE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				TRICHLOROFLUOROMETHANE	.0052	mg/kg	U	N Y U U							J217-02	04:27
				VINYL CHLORIDE	.0052	mg/kg	U	N Y U U							J217-02	04:27
TM0003	SW8260B	SW5035	N 0 1	1,1,1,2-TETRACHLOROETHANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,1,1-TRICHLOROETHANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,1,2,2-TETRACHLOROETHANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,1,2-TRICHLOROETHANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,1-DICHLOROETHANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,1-DICHLOROETHENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,1-DICHLOROPROPENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,2,3-TRICHLOROBENZENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,2,3-TRICHLOROPROPANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,2,4-TRICHLOROBENZENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,2,4-TRIMETHYLBENZENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,2-DIBROMO-3-CHLOROPROPANE	.012	mg/kg	U	N Y U U							J217-03	05:02
				1,2-DIBROMOETHANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,2-DICHLOROBENZENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,2-DICHLOROETHANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,2-DICHLOROPROPANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,3,5-TRIMETHYLBENZENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,3-DICHLOROBENZENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,3-DICHLOROPROPANE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				1,4-DICHLOROBENZENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				2,2-DICHLOROPROPANE	.0061	mg/kg	U	N Y U UJ					05B		J217-03	05:02
				2-BUTANONE	.024	mg/kg	U	N Y U U							J217-03	05:02
				2-CHLOROTOLUENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				2-HEXANONE	.024	mg/kg	U	N Y U U							J217-03	05:02
				4-CHLOROTOLUENE	.0061	mg/kg	U	N Y U U							J217-03	05:02
				4-METHYL-2-PENTANONE	.024	mg/kg	U	N Y U U							J217-03	05:02
				ACETONE	.014	mg/kg	J	Y Y P J					15		J217-03	05:02

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 28 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-01																
TM0003	SW8260B	SW5035	N 0 1	BENZENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				BROMOBENZENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				BROMOCHLOROMETHANE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				BROMODICHLOROMETHANE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				BROMOFORM	.0061	mg/kg	U	N Y U U			J217-03					05:02
				BROMOMETHANE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				CARBON DISULFIDE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				CARBON TETRACHLORIDE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				CHLOROBENZENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				CHLOROETHANE	.012	mg/kg	U	N Y U U			J217-03					05:02
				CHLOROFORM	.0061	mg/kg	U	N Y U U			J217-03					05:02
				CHLOROMETHANE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				CIS-1,2-DICHLOROETHENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				CIS-1,3-DICHLOROPROPENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				DIBROMOCHLOROMETHANE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				DIBROMOMETHANE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				DICHLORODIFLUOROMETHANE	.012	mg/kg	U	N Y U U			J217-03					05:02
				ETHYLBENZENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				HEXACHLOROBUTADIENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				ISOPROPYL BENZENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				M/P-XYLENES	.012	mg/kg	U	N Y U U			J217-03					05:02
				METHYLENE CHLORIDE	.012	mg/kg	U	N Y U U			J217-03					05:02
				N-BUTYLBENZENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				N-PROPYLBENZENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				NAPHTHALENE	.012	mg/kg	U	N Y U U			J217-03					05:02
				O-XYLENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				P-ISOPROPYLTOLUENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				SEC-BUTYLBENZENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				STYRENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				TERT-BUTYLBENZENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				TETRACHLOROETHENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				TOLUENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				TRANS-1,2-DICHLOROETHENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				TRANS-1,3-DICHLOROPROPENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				TRICHLOROETHENE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				TRICHLOROFLUOROMETHANE	.0061	mg/kg	U	N Y U U			J217-03					05:02
				VINYL CHLORIDE	.0061	mg/kg	U	N Y U U			J217-03					05:02
TM0004	SW8260B	SW5035	N 0 0.93	1,1,1,2-TETRACHLOROETHANE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				1,1,1-TRICHLOROETHANE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				1,1,2,2-TETRACHLOROETHANE	.0053	mg/kg	U	N Y U U			J217-04					05:36

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 29 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-01																
TM0004	SW8260B	SW5035	N 0 0.93.	1,1,2-TRICHLOROETHANE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,1-DICHLOROETHANE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,1-DICHLOROETHENE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,1-DICHLOROPROPENE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,2,3-TRICHLOROBENZENE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,2,3-TRICHLOROPROPANE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,2,4-TRICHLOROBENZENE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,2,4-TRIMETHYLBENZENE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,2-DIBROMO-3-CHLOROPROPANE	.011	mg/kg	U	N Y U	U		J217-04					05:36
				1,2-DIBROMOETHANE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,2-DICHLOROBENZENE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,2-DICHLOROETHANE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,2-DICHLOROPROPANE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,3,5-TRIMETHYLBENZENE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,3-DICHLOROBENZENE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,3-DICHLOROPROPANE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				1,4-DICHLOROBENZENE	.0053	mg/kg	U	N Y U	U		J217-04					05:36
				2,2-DICHLOROPROPANE	.0053	mg/kg	U	N Y U	UJ		05B	J217-04				05:36
				2-BUTANONE	.021	mg/kg	U	N Y U	U			J217-04				05:36
				2-CHLOROTOLUENE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				2-HEXANONE	.021	mg/kg	U	N Y U	U			J217-04				05:36
				4-CHLOROTOLUENE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				4-METHYL-2-PENTANONE	.0046	mg/kg	J	Y Y P	J	15		J217-04				05:36
				ACETONE	.014	mg/kg	J	Y Y P	J	15		J217-04				05:36
				BENZENE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				BROMOBENZENE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				BROMOCHLOROMETHANE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				BROMODICHLOROMETHANE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				BROMOFORM	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				BROMOMETHANE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				CARBON DISULFIDE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				CARBON TETRACHLORIDE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				CHLOROBENZENE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				CHLOROETHANE	.011	mg/kg	U	N Y U	U			J217-04				05:36
				CHLOROFORM	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				CHLOROMETHANE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				CIS-1,2-DICHLOROETHENE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				CIS-1,3-DICHLOROPROPENE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				DIBROMOCHLOROMETHANE	.0053	mg/kg	U	N Y U	U			J217-04				05:36
				DIBROMOMETHANE	.0053	mg/kg	U	N Y U	U			J217-04				05:36

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 30 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-01																
TM0004	SW8260B	SW5035	N 0 0.93	DICHLORODIFLUOROMETHANE	.011	mg/kg	U	N Y U U			J217-04					05:36
				ETHYLBENZENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				HEXACHLOROBUTADIENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				ISOPROPYL BENZENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				M/P-XYLENES	.011	mg/kg	U	N Y U U			J217-04					05:36
				METHYLENE CHLORIDE	.011	mg/kg	U	N Y U U			J217-04					05:36
				N-BUTYLBENZENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				N-PROPYLBENZENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				NAPHTHALENE	.011	mg/kg	U	N Y U U			J217-04					05:36
				O-XYLENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				P-ISOPROPYLtolUENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				SEC-BUTYLBENZENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				STYRENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				TERT-BUTYLBENZENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				TETRACHLOROETHENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				TOLUENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				TRANS-1,2-DICHLOROETHENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				TRANS-1,3-DICHLOROPROPENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				TRICHLOROETHENE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				TRICHLOROFLUOROMETHANE	.0053	mg/kg	U	N Y U U			J217-04					05:36
				VINYL CHLORIDE	.0053	mg/kg	U	N Y U U			J217-04					05:36
TM0007	SW8260B	SW5035	N 0 0.80	1,1,1,2-TETRACHLOROETHANE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,1,1-TRICHLOROETHANE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,1,2,2-TETRACHLOROETHANE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,1,2-TRICHLOROETHANE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,1-DICHLOROETHANE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,1-DICHLOROETHENE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,1-DICHLOROPROPENE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,2,3-TRICHLOROBENZENE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,2,3-TRICHLOROPROPANE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,2,4-TRICHLOROBENZENE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,2,4-TRIMETHYLBENZENE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,2-DIBROMO-3-CHLOROPROPANE	.009	mg/kg	U	N Y U U			J217-05					06:11
				1,2-DIBROMOETHANE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,2-DICHLOROBENZENE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,2-DICHLOROETHANE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,2-DICHLOROPROPANE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,3,5-TRIMETHYLBENZENE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,3-DICHLOROBENZENE	.0045	mg/kg	U	N Y U U			J217-05					06:11
				1,3-DICHLOROPROPANE	.0045	mg/kg	U	N Y U U			J217-05					06:11

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 31 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
											1	2	3	4			
10188-01																	
TM0007	SW8260B	SW5035	N 0 0.80	1,4-DICHLOROBENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				2,2-DICHLOROPROPANE	.0045	mg/kg	U	N Y U	UJ							J217-05	06:11
				2-BUTANONE	.018	mg/kg	U	N Y U	U							J217-05	06:11
				2-CHLOROTOLUENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				2-HEXANONE	.018	mg/kg	U	N Y U	U							J217-05	06:11
				4-CHLOROTOLUENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				4-METHYL-2-PENTANONE	.0054	mg/kg	J	Y Y P	J							J217-05	06:11
				ACETONE	.029	mg/kg		Y Y P								J217-05	06:11
				BENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				BROMOBENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				BROMOCHLOROMETHANE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				BROMODICHLOROMETHANE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				BROMOFORM	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				BROMOMETHANE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				CARBON DISULFIDE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				CARBON TETRACHLORIDE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				CHLOROBENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				CHLOROETHANE	.009	mg/kg	U	N Y U	U							J217-05	06:11
				CHLOROFORM	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				CHLOROMETHANE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				CIS-1,2-DICHLOROETHENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				CIS-1,3-DICHLOROPROPENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				DIBROMOCHLOROMETHANE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				DIBROMOMETHANE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				DICHLORODIFLUOROMETHANE	.009	mg/kg	U	N Y U	U							J217-05	06:11
				ETHYLBENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				HEXAChLOROBUTADIENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				ISOPROPYL BENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				M/P-XYLENES	.009	mg/kg	U	N Y U	U							J217-05	06:11
				METHYLENE CHLORIDE	.009	mg/kg	U	N Y U	U							J217-05	06:11
				N-BUTYLBENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				N-PROPYLBENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				NAPHTHALENE	.009	mg/kg	U	N Y U	U							J217-05	06:11
				O-XYLENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				P-ISOPROPYLtolUENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				SEC-BUTYLBENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				STYRENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				TERT-BUTYLBENZENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				TETRACHLOROETHENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11
				TOLUENE	.0045	mg/kg	U	N Y U	U							J217-05	06:11

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 32 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
10188-01																		
TM0007	SW8260B	SW5035	N 0 0.80		TRANS-1,2-DICHLOROETHENE	.0045	mg/kg	U	N Y	U	U						J217-05	06:11
					TRANS-1,3-DICHLOROPROPENE	.0045	mg/kg	U	N Y	U	U						J217-05	06:11
					TRICHLOROETHENE	.0045	mg/kg	U	N Y	U	U						J217-05	06:11
					TRICHLOROFLUOROMETHANE	.0045	mg/kg	U	N Y	U	U						J217-05	06:11
					VINYL CHLORIDE	.0045	mg/kg	U	N Y	U	U						J217-05	06:11
TM0008	SW8260B	SW5035	N 0 0.80		1,1,1,2-TETRACHLOROETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,1,1-TRICHLOROETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,1,2,2-TETRACHLOROETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,1,2-TRICHLOROETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,1-DICHLOROETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,1-DICHLOROETHENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,1-DICHLOROPROPENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,2,3-TRICHLOROBENZENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,2,3-TRICHLOROPROPANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,2,4-TRICHLOROBENZENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,2,4-TRIMETHYLBENZENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,2-DIBROMO-3-CHLOROPROPANE	.0089	mg/kg	U	N Y		U						J217-06R	21:00
					1,2-DIBROMOETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,2-DICHLOROBENZENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,2-DICHLOROETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,2-DICHLOROPROPANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,3,5-TRIMETHYLBENZENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,3-DICHLOROBENZENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,3-DICHLOROPROPANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					1,4-DICHLOROBENZENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					2,2-DICHLOROPROPANE	.0045	mg/kg	U	N Y		UJ			05B			J217-06R	21:00
					2-BUTANONE	.018	mg/kg	U	N Y		U						J217-06R	21:00
					2-CHLOROTOLUENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					2-HEXANONE	.018	mg/kg	U	N Y		U						J217-06R	21:00
					4-CHLOROTOLUENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					4-METHYL-2-PENTANONE	.018	mg/kg	U	N Y		U						J217-06R	21:00
					ACETONE	.018	mg/kg		Y	Y							J217-06R	21:00
					BENZENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					BROMOBENZENE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					BROMOCHLOROMETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					BROMODICHLOROMETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					BROMOFORM	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					BROMOMETHANE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					CARBON DISULFIDE	.0045	mg/kg	U	N Y		U						J217-06R	21:00
					CARBON TETRACHLORIDE	.0045	mg/kg	U	N Y		U						J217-06R	21:00

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 33 of 63

Sample Number:	Analytical/Extraction Method:				Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3	4															
10188-01																			
TM0008	SW8260B	SW5035	N	0	0.80	CHLOROBENZENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						CHLOROETHANE	.0089	mg/kg	U	N	Y	U						J217-06R	21:00
						CHLOROFORM	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						CHLOROMETHANE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						CIS-1,2-DICHLOROETHENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						CIS-1,3-DICHLOROPROPENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						DIBROMOCHLOROMETHANE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						DIBROMOMETHANE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						DICHLORODIFLUOROMETHANE	.0089	mg/kg	U	N	Y	U						J217-06R	21:00
						ETHYLBENZENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						HEXACHLOROBUTADIENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						ISOPROPYL BENZENE	.0045	mg/kg	U	N	Y	UJ			05B		J217-06R	21:00	
						M/P-XYLENES	.0089	mg/kg	U	N	Y	U						J217-06R	21:00
						METHYLENE CHLORIDE	.0089	mg/kg	U	N	Y	U						J217-06R	21:00
						N-BUTYLBENZENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						N-PROPYLBENZENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						NAPHTHALENE	.0089	mg/kg	U	N	Y	UJ			05B		J217-06R	21:00	
						O-XYLENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						P-ISOPROPYLtolUENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						SEC-BUTYLBENZENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						STYRENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						TERT-BUTYLBENZENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						TETRACHLOROETHENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						TOLUENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						TRANS-1,2-DICHLOROETHENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						TRANS-1,3-DICHLOROPROPENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						TRICHLOROETHENE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						TRICHLOROFUOROMETHANE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
						VINYL CHLORIDE	.0045	mg/kg	U	N	Y	U						J217-06R	21:00
TM0009	SW8260B	SW5035	N	0	0.83	1,1,1,2-TETRACHLOROETHANE	.0049	mg/kg	U	N	Y	U	U					J217-07	07:20
						1,1,1-TRICHLOROETHANE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	
						1,1,2,2-TETRACHLOROETHANE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	
						1,1,2-TRICHLOROETHANE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	
						1,1-DICHLOROETHANE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	
						1,1-DICHLOROETHENE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	
						1,1-DICHLOROPROPENE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	
						1,2,3-TRICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	
						1,2,3-TRICHLOROPROPANE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	
						1,2,4-TRICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	
						1,2,4-TRIMETHYLBENZENE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 34 of 63

Sample Number:	Analytical/Extraction Method: Flt REX Dil: Parameter:				Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	1	2	3	4								1	2	3	4			
10188-01																		
TM0009	SW8260B	SW5035	N	0	0.83	1,2-DIBROMO-3-CHLOROPROPANE	.0099	mg/kg	U	N	Y	U	U				J217-07	07:20
						1,2-DIBROMOETHANE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20
						1,2-DICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20
						1,2-DICHLOROETHANE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20
						1,2-DICHLOROPROPANE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20
						1,3,5-TRIMETHYLBENZENE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20
						1,3-DICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20
						1,3-DICHLOROPROPANE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20
						1,4-DICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U				J217-07	07:20
						2,2-DICHLOROPROPANE	.0049	mg/kg	U	N	Y	U	UJ	05B		J217-07	07:20	
						2-BUTANONE	.02	mg/kg	U	N	Y	U	U			J217-07	07:20	
						2-CHLOROTOLUENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						2-HEXANONE	.02	mg/kg	U	N	Y	U	U			J217-07	07:20	
						4-CHLOROTOLUENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						4-METHYL-2-PENTANONE	.02	mg/kg	U	N	Y	U	U			J217-07	07:20	
						ACETONE	.0047	mg/kg	J	Y	Y	P	J	15		J217-07	07:20	
						BENZENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						BROMOBENZENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						BROMOCHLOROMETHANE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						BROMODICHLOROMETHANE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						BROMOFORM	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						BROMOMETHANE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						CARBON DISULFIDE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						CARBON TETRACHLORIDE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						CHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						CHLOROETHANE	.0099	mg/kg	U	N	Y	U	U			J217-07	07:20	
						CHLOROFORM	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						CHLOROMETHANE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						CIS-1,2-DICHLOROETHENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						CIS-1,3-DICHLOROPROPENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						DIBROMOCHLOROMETHANE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						DIBROMOMETHANE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						DICHLORODIFLUOROMETHANE	.0099	mg/kg	U	N	Y	U	U			J217-07	07:20	
						ETHYLBENZENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						HEXACHLOROBUTADIENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						ISOPROPYL BENZENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						M/P-XYLENES	.0099	mg/kg	U	N	Y	U	U			J217-07	07:20	
						METHYLENE CHLORIDE	.0099	mg/kg	U	N	Y	U	U			J217-07	07:20	
						N-BUTYLBENZENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	
						N-PROPYLBENZENE	.0049	mg/kg	U	N	Y	U	U			J217-07	07:20	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 35 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-01																
TM0009	SW8260B	SW5035	N 0 0.83	NAPHTHALENE	.0099	mg/kg	U	N Y U U			J217-07					07:20
				O-XYLENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				P-ISOPROPYLTOLUENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				SEC-BUTYLBENZENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				STYRENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				TERT-BUTYLBENZENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				TETRACHLOROETHENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				TOLUENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				TRANS-1,2-DICHLOROETHENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				TRANS-1,3-DICHLOROPROPENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				TRICHLOROETHENE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				TRICHLOROFLUOROMETHANE	.0049	mg/kg	U	N Y U U			J217-07					07:20
				VINYL CHLORIDE	.0049	mg/kg	U	N Y U U			J217-07					07:20
10188-02																
TM0005	SW8321	SW3550	N 0 1	DIMP	.054	mg/kg	U	N Y U U			ENP8WS					10:52
				DMMP	.054	mg/kg	U	N Y U U			ENP8WS					10:52
				EMPA	.054	mg/kg	AAU	N Y U U			ENP8WS					10:52
				IMPA	.11	mg/kg	AAU	N Y U U			ENP8WS					10:52
				MPA	.54	mg/kg	AAU	N Y U U			ENP8WS					10:52
				THIODIGLYCOL	.054	mg/kg	U	N Y U U			ENP8WS					10:52
TM0006	SW8321	SW3550	N 0 1	DIMP	.055	mg/kg	U	N Y U U			ENP8OS					11:16
				DMMP	.055	mg/kg	U	N Y U U			ENP8OS					11:16
				EMPA	.055	mg/kg	AAU	N Y U U			ENP8OS					11:16
				IMPA	.11	mg/kg	AAU	N Y U U			ENP8OS					11:16
				MPA	.55	mg/kg	AAU	N Y U U			ENP8OS					11:16
				THIODIGLYCOL	.055	mg/kg	U	N Y U U			ENP8OS					11:16
TM0005	SW6010B	SW3050	N 0 1	ALUMINUM	19000	mg/kg		Y Y P			K049-01					11:45
				ANTIMONY	10.7	mg/kg	U	N Y U U			K049-01					11:45
				ARSENIC	5.14	mg/kg		Y Y P			K049-01					15:40
				BARIUM	75.4	mg/kg		Y Y P			K049-01					11:45
				BERYLLIUM	.448	mg/kg	J	Y Y P	J		15					11:45
				CADMIUM	1.07	mg/kg	U	N Y U U								11:45
				CALCIUM	200	mg/kg		Y Y P								11:45
				CHROMIUM	20.4	mg/kg		Y Y P								11:45
				COBALT	6.42	mg/kg		Y Y P								11:45
				COPPER	9.93	mg/kg		Y Y P								11:45
				IRON	15600	mg/kg		Y Y P								11:45
				LEAD	11.8	mg/kg		Y Y P								15:40
				MAGNESIUM	917	mg/kg		Y Y P								11:45

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 36 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
10188-02																		
TM0005	SW6010B	SW3050	N 0 1		MANGANESE	211	mg/kg		Y Y	P							K049-01	11:45
					NICKEL	10.6	mg/kg		Y Y	P	J						K049-01	11:45
					POTASSIUM	872	mg/kg		Y Y	P							K049-01	11:45
					SELENIUM	1.09	mg/kg		Y Y	F	B						K049-01	15:40
					SILVER	2.15	mg/kg	U	N Y	U	U						K049-01	11:45
					SODIUM	107	mg/kg	U	N Y	U	U						K049-01	11:45
					THALLIUM	2.15	mg/kg	U	N Y	U	U						K049-01	15:40
					VANADIUM	37	mg/kg		Y Y	P							K049-01	11:45
					ZINC	32.9	mg/kg		Y Y	P							K049-01	11:45
	SW7471A	TOTAL	N 0 1		MERCURY	.043	mg/kg	J	Y Y	P	J						K049-01	13:02
TM0006	SW6010B	SW3050	N 0 1		ALUMINUM	19600	mg/kg		Y Y	P							K049-02	11:50
					ANTIMONY	10.9	mg/kg	U	N Y	U	U						K049-02	11:50
					ARSENIC	7.73	mg/kg		Y Y	P							K049-02	15:45
					BARIUM	47.1	mg/kg		Y Y	P							K049-02	11:50
					BERYLLIUM	1.09	mg/kg	U	N Y	U	U						K049-02	11:50
					CADMIUM	1.09	mg/kg	U	N Y	U	U						K049-02	11:50
					CALCIUM	16.8	mg/kg	J	Y Y	F	B						K049-02	11:50
					CHROMIUM	21.9	mg/kg		Y Y	P							K049-02	11:50
					COBALT	3.98	mg/kg		Y Y	P							K049-02	11:50
					COPPER	10.7	mg/kg		Y Y	P							K049-02	11:50
					IRON	20600	mg/kg		Y Y	P							K049-02	11:50
					LEAD	8.22	mg/kg		Y Y	P							K049-02	15:45
					MAGNESIUM	692	mg/kg		Y Y	P							K049-02	11:50
					MANGANESE	44.5	mg/kg		Y Y	P							K049-02	11:50
					NICKEL	9.46	mg/kg		Y Y	P	J						K049-02	11:50
					POTASSIUM	915	mg/kg		Y Y	P							K049-02	11:50
					SELENIUM	.998	mg/kg	J	Y Y	F	B						K049-02	15:45
					SILVER	2.19	mg/kg	U	N Y	U	U						K049-02	11:50
					SODIUM	109	mg/kg	U	N Y	U	U						K049-02	11:50
					THALLIUM	2.19	mg/kg	U	N Y	U	U						K049-02	15:45
					VANADIUM	44.4	mg/kg		Y Y	P							K049-02	11:50
					ZINC	34.8	mg/kg		Y Y	P							K049-02	11:50
	SW7471A	TOTAL	N 0 1		MERCURY	.109	mg/kg	U	N Y	U	U						K049-02	13:05
TM0005	SW8270	METHOD	N 0 1		1,4-DITHIANE	1.1	mg/kg	U	N Y	U	U						ENP8WS	20:03
					1,4-OXATHIANE	0.54	mg/kg	U	N Y	U	U						ENP8WS	20:03
					P-CHLOROPHENYLMETHYLSULFONE	5.4	mg/kg	U	N Y	U	U						ENP8WS	20:03
					P-CHLOROPHENYLMETHYLSULFOXIDE	5.4	mg/kg	U	N Y	U	U						ENP8WS	20:03
TM0006	SW8270	METHOD	N 0 1		1,4-DITHIANE	1.1	mg/kg	U	N Y	U	U						ENP8OS	20:30
					1,4-OXATHIANE	0.55	mg/kg	U	N Y	U	U						ENP8OS	20:30
					P-CHLOROPHENYLMETHYLSULFONE	5.5	mg/kg	U	N Y	U	U						ENP8OS	20:30

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 37 of 63

Sample Number:	Analytical/Extraction Method:				Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	1	2	3	4																
10188-02																				
TM0006	SW8270	METHOD	N	0	1	P-CHLOROPHENYLMETHYSULFOXIDE	5.5	mg/kg	U	N	Y	U	U						ENP80S	20:30
TM0005	SW8270C	SW3550	N	0	1	1,2,4-TRICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						1,2-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						1,3-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						1,4-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2,4,5-TRICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2,4,6-TRICHLOROPHENOL	.68	mg/kg	U	N	Y	U	U						K049-01	17:34
						2,4-DICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2,4-DIMETHYLPHENOL	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2,4-DINITROPHENOL	.68	mg/kg	U	N	Y	U	UJ		05B				K049-01	17:34
						2,4-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2,6-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2-CHLORONAPHTHALENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2-CHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2-METHYLNAPHTHALENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						2-NITROANILINE	.68	mg/kg	U	N	Y	U	U						K049-01	17:34
						2-NITROPHENOL	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						3,3'-DICHLOROBENZIDINE	.68	mg/kg	U	N	Y	U	U						K049-01	17:34
						3-NITROANILINE	.68	mg/kg	U	N	Y	U	U						K049-01	17:34
						4,6-DINITRO-2-METHYLPHENOL	.68	mg/kg	U	N	Y	U	U						K049-01	17:34
						4-BROMOPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						4-CHLORO-3-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						4-CHLOROANILINE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						4-CHLOROPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						4-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						4-NITROANILINE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						4-NITROPHENOL	.68	mg/kg	U	N	Y	U	U						K049-01	17:34
						ACENAPHTHENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						ACENAPHTHYLENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						ANTHRACENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						BENZO(A)ANTHRACENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						BENZO(A)PYRENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						BENZO(B)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						BENZO(G,H,I)PERYLENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						BENZO(K)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						BIS(2-CHLOROETHOXY)METHANE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						BIS(2-CHLOROETHYL)ETHER	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						BIS(2-CHLOROISOPROPYL)ETHER	.35	mg/kg	U	N	Y	U	U						K049-01	17:34
						BIS(2-ETHYLHEXYL)PHTHALATE	.35	mg/kg	U	N	Y	U	U						K049-01	17:34

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 38 of 63

Sample Number:	Analytical/Extraction Method: Flt REX Dil: Parameter:				Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
	1	2	3	4							Lab Sample:					
10188-02																
TM0005	SW8270C	SW3550	N	0	1	BUTYLBENZYLPHthalATE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						CARBAZOLE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						CHRYSENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						DI-N-BUTYLPHthalATE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						DI-N-OCTYLPHthalATE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						DIBENZO(A,H)ANTHRACENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						DIBENZOFURAN	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						DIETHYLPHthalATE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						DIMETHYLPHthalATE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						FLUORANTHENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						FLUORENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						HEXACHLOROBENZENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						HEXACHLOROBUTADIENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						HEXACHLOROCYCLOPENTADIENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						HEXACHLOROETHANE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						INDENO(1,2,3-CD)PYRENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						ISOPHORONE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						N-NITROSO-DI-N-PROPYLAMINE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						N-NITROSODIPHENYLAMINE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						NAPHTHALENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						NITROBENZENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						PENTACHLOROPHENOL	.68	mg/kg	U	N	Y	U	U		K049-01	17:34
						PHENANTHRENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						PHENOL	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
						PYRENE	.35	mg/kg	U	N	Y	U	U		K049-01	17:34
TM0006	SW8270C	SW3550	N	0	1	1,2,4-TRICHLOROBENZENE	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						1,2-DICHLOROBENZENE	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						1,3-DICHLOROBENZENE	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						1,4-DICHLOROBENZENE	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						2,4,5-TRICHLOROPHENOL	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						2,4,6-TRICHLOROPHENOL	.69	mg/kg	U	N	Y	U	U		K049-02	18:04
						2,4-DICHLOROPHENOL	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						2,4-DIMETHYLPHENOL	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						2,4-DINITROPHENOL	.69	mg/kg	U	N	Y	U	UJ	05B	K049-02	18:04
						2,4-DINITROTOLUENE	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						2,6-DINITROTOLUENE	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						2-CHLORONAPHTHALENE	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						2-CHLOROPHENOL	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						2-METHYLNAPHTHALENE	.36	mg/kg	U	N	Y	U	U		K049-02	18:04
						2-METHYLPHENOL	.36	mg/kg	U	N	Y	U	U		K049-02	18:04

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 39 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-02																
TM0006	SW8270C	SW3550	N 0 1	2-NITROANILINE	.69	mg/kg	U	N Y	U	U					K049-02	18:04
				2-NITROPHENOL	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				3,3'-DICHLOROBENZIDINE	.69	mg/kg	U	N Y	U	U					K049-02	18:04
				3-NITROANILINE	.69	mg/kg	U	N Y	U	U					K049-02	18:04
				4,6-DINITRO-2-METHYLPHENOL	.69	mg/kg	U	N Y	U	U					K049-02	18:04
				4-BROMOPHENYL-PHENYL ETHER	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				4-CHLORO-3-METHYLPHENOL	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				4-CHLOROANILINE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				4-CHLOROPHENYL-PHENYL ETHER	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				4-METHYLPHENOL	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				4-NITROANILINE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				4-NITROPHENOL	.69	mg/kg	U	N Y	U	U					K049-02	18:04
				ACENAPHTHENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				ACENAPHTHYLENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				ANTHRACENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BENZO(A)ANTHRACENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BENZO(A)PYRENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BENZO(B)FLUORANTHENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BENZO(G,H,I)PERYLENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BENZO(K)FLUORANTHENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BIS(2-CHLOROETHOXY)METHANE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BIS(2-CHLOROETHYL)ETHER	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BIS(2-CHLOROISOPROPYL)ETHER	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BIS(2-ETHYLHEXYL)PHTHALATE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				BUTYLBENZYLPHthalate	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				CARBAZOLE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				CHRYSENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				DI-N-BUTYLPHTHALATE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				DI-N-OCTYLPHTHALATE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				DIBENZO(A,H)ANTHRACENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				DIBENZOFURAN	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				DIETHYLPHthalate	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				DIMETHYLPHthalate	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				FLUORANTHENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				FLUORENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				HEXACHLOROBENZENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				HEXACHLOROBUTADIENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				HEXACHLOROCYCLOPENTADIENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				HEXACHLOROETHANE	.36	mg/kg	U	N Y	U	U					K049-02	18:04
				INDENO(1,2,3-CD)PYRENE	.36	mg/kg	U	N Y	U	U					K049-02	18:04

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 40 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
												1	2	3	4		
10188-02																	
TM0006	SW8270C	SW3550	N 0 1	ISOPHORONE	.36	mg/kg	U	N	Y	U	U					K049-02	18:04
				N-NITROSO-DI-N-PROPYLAMINE	.36	mg/kg	U	N	Y	U	U					K049-02	18:04
				N-NITROSODIPHENYLAMINE	.36	mg/kg	U	N	Y	U	U					K049-02	18:04
				NAPHTHALENE	.36	mg/kg	U	N	Y	U	U					K049-02	18:04
				NITROBENZENE	.36	mg/kg	U	N	Y	U	U					K049-02	18:04
				PENTACHLOROPHENOL	.69	mg/kg	U	N	Y	U	U					K049-02	18:04
				PHENANTHRENE	.36	mg/kg	U	N	Y	U	U					K049-02	18:04
				PHENOL	.36	mg/kg	U	N	Y	U	U					K049-02	18:04
				PYRENE	.36	mg/kg	U	N	Y	U	U					K049-02	18:04
TM0005	SW8260B	SW5035	N 0 .90	1,1,1,2-TETRACHLOROETHANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,1,1-TRICHLOROETHANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,1,2,2-TETRACHLOROETHANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,1,2-TRICHLOROETHANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,1-DICHLOROETHANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,1-DICHLOROETHENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,1-DICHLOROPROPENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,2,3-TRICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,2,3-TRICHLOROPROPANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,2,4-TRICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,2,4-TRIMETHYLBENZENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,2-DIBROMO-3-CHLOROPROPANE	.0097	mg/kg	U	N	Y	U	R		04A			K049-01	23:41
				1,2-DIBROMOETHANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,2-DICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,2-DICHLOROETHANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,2-DICHLOROPROPANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,3,5-TRIMETHYLBENZENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,3-DICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,3-DICHLOROPROPANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				1,4-DICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				2,2-DICHLOROPROPANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				2-BUTANONE	.017	mg/kg	J	Y	Y	P	J		05A	15		K049-01	23:41
				2-CHLOROTOLUENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				2-HEXANONE	.019	mg/kg	U	N	Y	U	U					K049-01	23:41
				4-CHLOROTOLUENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				4-METHYL-2-PENTANONE	.019	mg/kg	U	N	Y	U	U					K049-01	23:41
				ACETONE	.76	mg/kg	E	Y	N	P	R		16			K049-01	23:41
				BENZENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				BROMOBENZENE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				BROMOCHLOROMETHANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41
				BROMODICHLOROMETHANE	.0048	mg/kg	U	N	Y	U	U					K049-01	23:41

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 41 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-02																
TM0005	SW8260B	SW5035	N 0 .90	BROMOFORM	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				BROMOMETHANE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				CARBON DISULFIDE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				CARBON TETRACHLORIDE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				CHLOROBENZENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				CHLOROETHANE	.0097	mg/kg	U	N Y U	U						K049-01	23:41
				CHLOROFORM	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				CHLOROMETHANE	.0048	mg/kg	U	N Y U	UJ					05B	K049-01	23:41
				CIS-1,2-DICHLOROETHENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				CIS-1,3-DICHLOROPROPENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				DIBROMOCHLOROMETHANE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				DIBROMOMETHANE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				DICHLORODIFLUOROMETHANE	.0097	mg/kg	U	N Y U	U						K049-01	23:41
				ETHYLBENZENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				HEXACHLOROBUTADIENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				ISOPROPYL BENZENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				M/P-XYLENES	.0097	mg/kg	U	N Y U	U						K049-01	23:41
				METHYLENE CHLORIDE	.0097	mg/kg	U	N Y U	U						K049-01	23:41
				N-BUTYLBENZENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				N-PROPYLBENZENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				NAPHTHALENE	.0097	mg/kg	U	N Y U	U						K049-01	23:41
				O-XYLENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				P-ISOPROPYLtolUENE	.012	mg/kg		Y Y P							K049-01	23:41
				SEC-BUTYLBENZENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				STYRENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				TERT-BUTYLBENZENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				TETRACHLOROETHENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				TOLUENE	.002	mg/kg	J	Y Y P	J					15	K049-01	23:41
				TRANS-1,2-DICHLOROETHENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				TRANS-1,3-DICHLOROPROPENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				TRICHLOROETHENE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				TRICHLOROFLUOROMETHANE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
				VINYL CHLORIDE	.0048	mg/kg	U	N Y U	U						K049-01	23:41
SW8260B	SW5035	N 1 48	1,1,1,2-TETRACHLOROETHANE	.26	mg/kg	U	N N U	R			16				K049-01T	15:28
			1,1,1-TRICHLOROETHANE	.26	mg/kg	U	N N U	R			16				K049-01T	15:28
			1,1,2,2-TETRACHLOROETHANE	.26	mg/kg	U	N N U	R			16				K049-01T	15:28
			1,1,2-TRICHLOROETHANE	.26	mg/kg	U	N N U	R			16				K049-01T	15:28
			1,1-DICHLOROETHANE	.26	mg/kg	U	N N U	R			16				K049-01T	15:28
			1,1-DICHLOROETHENE	.26	mg/kg	U	N N U	R			16				K049-01T	15:28
			1,1-DICHLOROPROPENE	.26	mg/kg	U	N N U	R			16				K049-01T	15:28

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 42 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-02																
TM0005	SW8260B	SW5035	N 1 48	1,2,3-TRICHLOROBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,2,3-TRICHLOROPROPANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,2,4-TRICHLOROBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,2,4-TRIMETHYLBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,2-DIBROMO-3-CHLOROPROPANE	.52	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,2-DIBROMOETHANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,2-DICHLOROBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,2-DICHLOROETHANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,2-DICHLOROPROPANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,3,5-TRIMETHYLBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,3-DICHLOROBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,3-DICHLOROPROPANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				1,4-DICHLOROBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				2,2-DICHLOROPROPANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				2-BUTANONE	1	mg/kg	U	N N	U R	16	K049-01T	15:28				
				2-CHLOROTOLUENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				2-HEXANONE	1	mg/kg	U	N N	U R	16	K049-01T	15:28				
				4-CHLOROTOLUENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				4-METHYL-2-PENTANONE	1	mg/kg	U	N N	U R	16	K049-01T	15:28				
				ACETONE	.61	mg/kg	J	Y Y	P J	15	K049-01T	15:28				
				BENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				BROMOBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				BROMOCHLOROMETHANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				BROMODICHLOROMETHANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				BROMOFORM	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				BROMOMETHANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				CARBON DISULFIDE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				CARBON TETRACHLORIDE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				CHLOROBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				CHLOROETHANE	.52	mg/kg	U	N N	U R	16	K049-01T	15:28				
				CHLOROFORM	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				CHLOROMETHANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				CIS-1,2-DICHLOROETHENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				CIS-1,3-DICHLOROPROPENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				DIBROMOCHLOROMETHANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				DIBROMOMETHANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				DICHLORODIFLUOROMETHANE	.52	mg/kg	U	N N	U R	16	K049-01T	15:28				
				ETHYLBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				HEXAChLOROBUTADIENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				ISOPROPYL BENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 43 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-02																
TM0005	SW8260B	SW5035	N 1 .48	M/P-XYLENES	.52	mg/kg	U	N N	U R	16	K049-01T	15:28				
				METHYLENE CHLORIDE	.52	mg/kg	U	N N	U R	16	K049-01T	15:28				
				N-BUTYLBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				N-PROPYLBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				NAPHTHALENE	.52	mg/kg	U	N N	U R	16	K049-01T	15:28				
				O-XYLENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				P-ISOPROPYLtolUENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				SEC-BUTYLBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				STYRENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				TERT-BUTYLBENZENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				TETRACHLOROETHENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				TOLUENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				TRANS-1,2-DICHLOROETHENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				TRANS-1,3-DICHLOROPROPENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				TRICHLOROETHENE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				TRICHLOROFLUOROMETHANE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
				VINYL CHLORIDE	.26	mg/kg	U	N N	U R	16	K049-01T	15:28				
TM0006	SW8260B	SW5035	N 0 .78	1,1,1,2-TETRACHLOROETHANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,1,1-TRICHLOROETHANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,1,2,2-TETRACHLOROETHANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,1,2-TRICHLOROETHANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,1-DICHLOROETHANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,1-DICHLOROETHENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,1-DICHLOROPROPENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,2,3-TRICHLOROBENZENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,2,3-TRICHLOROPROPANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,2,4-TRICHLOROBENZENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,2,4-TRIMETHYLBENZENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,2-DIBROMO-3-CHLOROPROPANE	.0085	mg/kg	U	N Y	U R	04A	K049-02	00:15				
				1,2-DIBROMOETHANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,2-DICHLOROBENZENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,2-DICHLOROETHANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,2-DICHLOROPROPANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,3,5-TRIMETHYLBENZENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,3-DICHLOROBENZENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,3-DICHLOROPROPANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				1,4-DICHLOROBENZENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				2,2-DICHLOROPROPANE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				
				2-BUTANONE	.017	mg/kg	U	N Y	U R	05A	K049-02	00:15				
				2-CHLOROTOLUENE	.0043	mg/kg	U	N Y	U U		K049-02	00:15				

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 44 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-02																
TM0006	SW8260B	SW5035	N 0 .78	2-HEXANONE	.017	mg/kg	U	N Y	U	U					K049-02	00:15
				4-CHLOROTOLUENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				4-METHYL-2-PENTANONE	.017	mg/kg	U	N Y	U	U					K049-02	00:15
				ACETONE	.013	mg/kg	J	Y Y	P	J				15	K049-02	00:15
				BENZENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				BROMOBENZENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				BROMOCHLOROMETHANE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				BROMODICHLOROMETHANE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				BROMOFORM	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				BROMOMETHANE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				CARBON DISULFIDE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				CARBON TETRACHLORIDE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				CHLOROBENZENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				CHLOROETHANE	.0085	mg/kg	U	N Y	U	U					K049-02	00:15
				CHLOROFORM	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				CHLOROMETHANE	.0043	mg/kg	U	N Y	U	UJ				05B	K049-02	00:15
				CIS-1,2-DICHLOROETHENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				CIS-1,3-DICHLOROPROPENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				DIBROMOCHLOROMETHANE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				DIBROMOMETHANE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				DICHLORODIFLUOROMETHANE	.0085	mg/kg	U	N Y	U	U					K049-02	00:15
				ETHYLBENZENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				HEXAChLOROBUTADIENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				ISOPROPYL BENZENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				M/P-XYLENES	.0085	mg/kg	U	N Y	U	U					K049-02	00:15
				METHYLENE CHLORIDE	.0085	mg/kg	U	N Y	U	U					K049-02	00:15
				N-BUTYLBENZENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				N-PROPYLBENZENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				NAPHTHALENE	.0085	mg/kg	U	N Y	U	U					K049-02	00:15
				O-XYLENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				P-ISOPROPYLtolUENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				SEC-BUTYLBENZENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				STYRENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				TERT-BUTYLBENZENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				TETRAChLOROETHENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				TOLUENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				TRANS-1,2-DICHLOROETHENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				TRANS-1,3-DICHLOROPROPENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				TRICHLOROETHENE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15
				TRICHLOROFLUOROMETHANE	.0043	mg/kg	U	N Y	U	U					K049-02	00:15

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 45 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
10188-02																		
TM0006	SW8260B	SW5035	N 0 .78		VINYL CHLORIDE	.0043	mg/kg	U	N Y	U	U						K049-02	00:15
10188-03																		
TM3001	SW6010B	SW3010	N 0 1		ALUMINUM	.0523	mg/L	J	Y Y	P	J		15				B018-04	12:34
					ANTIMONY	.1	mg/L	U	N Y	U	UJ		08A				B018-04	12:34
					ARSENIC	.01	mg/L	U	N Y	U	U						B018-04	12:00
					BARIUM	.0595	mg/L		Y Y	P	J		13				B018-04	12:34
					BERYLLIUM	.01	mg/L	U	N Y	U	U						B018-04	12:34
					CADMIUM	.01	mg/L	U	N Y	U	U						B018-04	12:34
					CALCIUM	13.8	mg/L		Y Y	P	J		08A	13			B018-04	12:34
					CHROMIUM	.02	mg/L	U	N Y	U	U						B018-04	12:34
					COBALT	.0164	mg/L	J	Y Y	P	J		15				B018-04	12:34
					COPPER	.02	mg/L	U	N Y	U	U						B018-04	12:34
					IRON	1.09	mg/L		Y Y	P							B018-04	12:34
					LEAD	.01	mg/L	U	N Y	U	U						B018-04	12:00
					MAGNESIUM	16.7	mg/L		Y Y	P	J		13				B018-04	12:34
					MANGANESE	.128	mg/L		Y Y	P							B018-04	12:34
					NICKEL	.0371	mg/L		Y Y	P							B018-04	12:34
					POTASSIUM	2.21	mg/L	J	Y Y	P	J		15				B018-04	12:34
					SELENIUM	.01	mg/L	U	N Y	U	U						B018-04	12:00
					SILVER	.02	mg/L	U	N Y	U	UJ		08A				B018-04	12:34
					SODIUM	8.95	mg/L		Y Y	F	B		06C				B018-04	12:34
					THALLIUM	.01	mg/L	U	N Y	U	U						B018-04	12:00
					VANADIUM	.02	mg/L	U	N Y	U	U						B018-04	12:34
					ZINC	.0635	mg/L	J	Y Y	P	J		15				B018-04	12:34
TM3002	SW7470A	TOTAL	N 0 1		MERCURY	.0005	mg/L	U	N Y	U	U						B018-04	16:41
					ALUMINUM	.0556	mg/L	J	Y Y	P	J		15				B005-04	12:24
					ANTIMONY	.1	mg/L	U	N Y	U	UJ		08A				B005-04	12:24
					ARSENIC	.01	mg/L	U	N Y	U	U						B005-04	11:49
					BARIUM	.0914	mg/L		Y Y	P	J		13				B005-04	12:24
					BERYLLIUM	.01	mg/L	U	N Y	U	U						B005-04	12:24
					CADMIUM	.01	mg/L	U	N Y	U	U						B005-04	12:24
					CALCIUM	53.6	mg/L		Y Y	P	J		08A	13			B005-04	12:24
					CHROMIUM	.02	mg/L	U	N Y	U	U						B005-04	12:24
					COBALT	.02	mg/L	U	N Y	U	U						B005-04	12:24
					COPPER	.02	mg/L	U	N Y	U	U						B005-04	12:24
					IRON	.0506	mg/L	J	Y Y	P	J		15				B005-04	12:24
					LEAD	.01	mg/L	U	N Y	U	U						B005-04	11:49
					MAGNESIUM	11.2	mg/L		Y Y	P	J		13				B005-04	12:24
					MANGANESE	.106	mg/L		Y Y	P							B005-04	12:24

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 46 of 63

Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
10188-03																	
TM3002	SW6010B	SW3010	N 0 1	NICKEL	.02	mg/L	U	N Y	U	U						B005-04	12:24
				POTASSIUM	1.35	mg/L	J	Y Y	P	J	15					B005-04	12:24
				SELENIUM	.01	mg/L	U	N Y	U	U						B005-04	11:49
				SILVER	.02	mg/L	U	N Y	U	UJ	08A					B005-04	12:24
				SODIUM	3.32	mg/L		Y Y	F	B	06C					B005-04	12:24
				THALLIUM	.01	mg/L	U	N Y	U	U						B005-04	11:49
				VANADIUM	.02	mg/L	U	N Y	U	U						B005-04	12:24
				ZINC	.1	mg/L	U	N Y	U	U						B005-04	12:24
	SW7470A	TOTAL	N 0 1	MERCURY	.0005	mg/L	U	N Y	U	U						B005-04	18:11
TM3003	SW6010B	SW3010	N 0 1	ALUMINUM	.0642	mg/L	J	Y Y	P	J	15					B005-02	12:15
				ANTIMONY	.1	mg/L	U	N Y	U	UJ	08A					B005-02	12:15
				ARSENIC	.01	mg/L	U	N Y	U	U						B005-02	11:38
				BARIUM	.135	mg/L		Y Y	P	J	13					B005-02	12:15
				BERYLLIUM	.01	mg/L	U	N Y	U	U						B005-02	12:15
				CADMUM	.01	mg/L	U	N Y	U	U						B005-02	12:15
				CALCIUM	40.9	mg/L		Y Y	P	J	08A	13				B005-02	12:15
				CHROMIUM	.02	mg/L	U	N Y	U	U						B005-02	12:15
				COBALT	.02	mg/L	U	N Y	U	U						B005-02	12:15
				COPPER	.02	mg/L	U	N Y	U	U						B005-02	12:15
				IRON	.0473	mg/L	J	Y Y	P	J	15					B005-02	12:15
				LEAD	.01	mg/L	U	N Y	U	U						B005-02	11:38
				MAGNESIUM	11.5	mg/L		Y Y	P	J	13					B005-02	12:15
				MANGANESE	.126	mg/L		Y Y	P							B005-02	12:15
				NICKEL	.02	mg/L	U	N Y	U	U						B005-02	12:15
				POTASSIUM	.805	mg/L	J	Y Y	P	J	15					B005-02	12:15
				SELENIUM	.00322	mg/L	J	Y Y	P	J	15					B005-02	11:38
				SILVER	.02	mg/L	U	N Y	U	UJ	08A					B005-02	12:15
				SODIUM	1.65	mg/L		Y Y	F	B	06C					B005-02	12:15
				THALLIUM	.01	mg/L	U	N Y	U	U						B005-02	11:38
				VANADIUM	.02	mg/L	U	N Y	U	U						B005-02	12:15
				ZINC	.1	mg/L	U	N Y	U	U						B005-02	12:15
	SW7470A	TOTAL	N 0 1	MERCURY	.0005	mg/L	U	N Y	U	U						B005-02	16:26
TM3004	SW6010B	SW3010	N 0 1	ALUMINUM	.0664	mg/L	J	Y Y		J	15					B005-03	12:19
				ANTIMONY	.1	mg/L	U	N Y		UJ	08A					B005-03	12:19
				ARSENIC	.002	mg/L	J	Y Y		J	15					B005-03	11:44
				BARIUM	.137	mg/L		Y Y		J	13					B005-03	12:19
				BERYLLIUM	.01	mg/L	U	N Y		U						B005-03	12:19
				CADMUM	.01	mg/L	U	N Y		U						B005-03	12:19
				CALCIUM	41.3	mg/L		Y Y		J	08A	13				B005-03	12:19
				CHROMIUM	.02	mg/L	U	N Y		U						B005-03	12:19

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 47 of 63

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
10188-03																		
TM3004	SW6010B	SW3010	N 0 1		COBALT	.02	mg/L	U	N Y		U						B005-03	12:19
					COPPER	.02	mg/L	U	N Y		U					B005-03	12:19	
					IRON	.0522	mg/L	J	Y Y		J			15		B005-03	12:19	
					LEAD	.01	mg/L	U	N Y		U					B005-03	11:44	
					MAGNESIUM	11.6	mg/L		Y Y		J			13		B005-03	12:19	
					MANGANESE	.128	mg/L		Y Y							B005-03	12:19	
					NICKEL	.02	mg/L	U	N Y		U					B005-03	12:19	
					POTASSIUM	5	mg/L	U	N Y		U					B005-03	12:19	
					SELENIUM	.01	mg/L	U	N Y		U					B005-03	11:44	
					SILVER	.02	mg/L	U	N Y		UJ			08A		B005-03	12:19	
					SODIUM	1.79	mg/L		Y Y		B			06C		B005-03	12:19	
					THALLIUM	.01	mg/L	U	N Y		U					B005-03	11:44	
					VANADIUM	.02	mg/L	U	N Y		U					B005-03	12:19	
					ZINC	.1	mg/L	U	N Y		U					B005-03	12:19	
	SW7470A	TOTAL	N 0 1		MERCURY	.0005	mg/L	U	N Y		U					B005-03	16:28	
TM3006	SW6010B	SW3010	N 0 1		ALUMINUM	.0789	mg/L	J	Y Y	P	J		15			A191-03	11:32	
					ANTIMONY	.1	mg/L	U	N Y	U	UJ			08A		A191-03	11:32	
					ARSENIC	.01	mg/L	U	N Y	U	U					A191-03	11:06	
					BARIUM	.139	mg/L		Y Y	P	J		13			A191-03	11:32	
					BERYLLIUM	.01	mg/L	U	N Y	U	U					A191-03	11:32	
					CADMIUM	.01	mg/L	U	N Y	U	U					A191-03	11:32	
					CALCIUM	59.7	mg/L		Y Y	P	J			08A 13		A191-03	11:32	
					CHROMIUM	.02	mg/L	U	N Y	U	U					A191-03	11:32	
					COBALT	.02	mg/L	U	N Y	U	U					A191-03	11:32	
					COPPER	.02	mg/L	U	N Y	U	U					A191-03	11:32	
					IRON	.0936	mg/L	J	Y Y	P	J		15			A191-03	11:32	
					LEAD	.01	mg/L	U	N Y	U	U					A191-03	11:06	
					MAGNESIUM	8.45	mg/L		Y Y	P	J		13			A191-03	11:32	
					MANGANESE	.226	mg/L		Y Y	P						A191-03	11:32	
					NICKEL	.02	mg/L	U	N Y	U	U					A191-03	11:32	
					POTASSIUM	1.35	mg/L	J	Y Y	P	J		15			A191-03	11:32	
					SELENIUM	.01	mg/L	U	N Y	U	U					A191-03	11:06	
					SILVER	.02	mg/L	U	N Y	U	UJ			08A		A191-03	11:32	
					SODIUM	4.42	mg/L		Y Y	F	B			06C		A191-03	11:32	
					THALLIUM	.01	mg/L	U	N Y	U	U					A191-03	11:06	
					VANADIUM	.02	mg/L	U	N Y	U	U					A191-03	11:32	
					ZINC	.1	mg/L	U	N Y	U	U					A191-03	11:32	
	SW7470A	TOTAL	N 0 1		MERCURY	.0005	mg/L	U	N Y	U	U					A191-03	16:17	
TM3001	SW8270C	SW3520	N 0 .99		1,2,4-TRICHLOROBENZENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36	
					1,2-DICHLOROBENZENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 48 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-03																
TM3001	SW8270C	SW3520	N 0 .99	1,3-DICHLOROBENZENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				1,4-DICHLOROBENZENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				2,4,5-TRICHLOROPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				2,4,6-TRICHLOROPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				2,4-DICHLOROPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				2,4-DIMETHYLPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				2,4-DINITROPHENOL	.02	mg/L	U	N Y	U	U					B018-04	18:36
				2,4-DINITROTOLUENE	.02	mg/L	U	N Y	U	U					B018-04	18:36
				2,6-DINITROTOLUENE	.02	mg/L	U	N Y	U	U					B018-04	18:36
				2-CHLORONAPHTHALENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				2-CHLOROPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				2-METHYLNAPHTHALENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				2-METHYLPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				2-NITROANILINE	.02	mg/L	U	N Y	U	U					B018-04	18:36
				2-NITROPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				3,3'-DICHLOROBENZIDINE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				3-NITROANILINE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				4,6-DINITRO-2-METHYLPHENOL	.02	mg/L	U	N Y	U	U					B018-04	18:36
				4-BROMOPHENYL-PHENYL ETHER	.02	mg/L	U	N Y	U	U					B018-04	18:36
				4-CHLORO-3-METHYLPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				4-CHLOROANILINE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				4-CHLOROPHENYL-PHENYL ETHER	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				4-METHYLPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				4-NITROANILINE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				4-NITROPHENOL	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				ACENAPHTHENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				ACENAPHTHYLENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				ANTHRACENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				BENZO(A)ANTHRACENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				BENZO(A)PYRENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				BENZO(B)FLUORANTHENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				BENZO(G,H,I)PERYLENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				BENZO(K)FLUORANTHENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				BIS(2-CHLOROETHOXY)METHANE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				BIS(2-CHLOROETHYL)ETHER	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				BIS(2-CHLOROISOPROPYL)ETHER	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				BIS(2-ETHYLHEXYL)PHTHALATE	.02	mg/L	U	N Y	U	U					B018-04	18:36
				BUTYLBENZYLPHTHALATE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				CARBAZOLE	.0099	mg/L	U	N Y	U	U					B018-04	18:36
				CHRYSENE	.0099	mg/L	U	N Y	U	U					B018-04	18:36

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 49 of 63

Sample Number:	Analytical/Extraction Method:				Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3	4															
10188-03																			
TM3001	SW8270C	SW3520	N 0 .99	DI-N-BUTYLPHthalATE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				DI-N-OCTYLPHthalATE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				DIBENZO(A,H)ANTHRACENE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				DIBENZOFURAN	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				DIETHYLPHthalATE	.02	mg/L	U	N	Y	U	U							B018-04	18:36
				DIMETHYLPHthalATE	.02	mg/L	U	N	Y	U	U							B018-04	18:36
				FLUORANTHENE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				FLUORENE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				HEXACHLOROBENZENE	.02	mg/L	U	N	Y	U	U							B018-04	18:36
				HEXACHLOROBUTADIENE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				HEXACHLOROCYCLOPENTADIENE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				HEXACHLOROETHANE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				INDENO(1,2,3-CD)PYRENE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				ISOPHORONE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				N-NITROSO-DI-N-PROPYLAMINE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				N-NITROSODIPHENYLAMINE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				NAPHTHALENE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				NITROBENZENE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				PENTACHLOROPHENOL	.02	mg/L	U	N	Y	U	U							B018-04	18:36
				PHENANTHRENE	.02	mg/L	U	N	Y	U	U							B018-04	18:36
				PHENOL	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
				PYRENE	.0099	mg/L	U	N	Y	U	U							B018-04	18:36
TM3002	SW8270C	SW3520	N 0 .97	1,2,4-TRICHLOROBENZENE	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				1,2-DICHLOROBENZENE	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				1,3-DICHLOROBENZENE	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				1,4-DICHLOROBENZENE	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				2,4,5-TRICHLOROPHENOL	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				2,4,6-TRICHLOROPHENOL	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				2,4-DICHLOROPHENOL	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				2,4-DIMETHYLPHENOL	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				2,4-DINITROPHENOL	.019	mg/L	U	N	Y	U	U							B005-04	16:06
				2,4-DINITROTOLUENE	.019	mg/L	U	N	Y	U	U							B005-04	16:06
				2,6-DINITROTOLUENE	.019	mg/L	U	N	Y	U	U							B005-04	16:06
				2-CHLORONAPHTHALENE	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				2-CHLOROPHENOL	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				2-METHYLNAPHTHALENE	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				2-METHYLPHENOL	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				2-NITROANILINE	.019	mg/L	U	N	Y	U	U							B005-04	16:06
				2-NITROPHENOL	.0097	mg/L	U	N	Y	U	U							B005-04	16:06
				3,3'-DICHLOROBENZIDINE	.0097	mg/L	U	N	Y	U	U							B005-04	16:06

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 50 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-03																
TM3002	SW8270C	SW3520	N 0 .97	3-NITROANILINE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				4,6-DINITRO-2-METHYLPHENOL	.019	mg/L	U	N Y	U	U					B005-04	16:06
				4-BROMOPHENYL-PHENYL ETHER	.019	mg/L	U	N Y	U	U					B005-04	16:06
				4-CHLORO-3-METHYLPHENOL	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				4-CHLOROANILINE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				4-CHLOROPHENYL-PHENYL ETHER	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				4-METHYLPHENOL	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				4-NITROANILINE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				4-NITROPHENOL	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				ACENAPHTHENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				ACENAPHTHYLENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				ANTHRACENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				BENZO(A)ANTHRACENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				BENZO(A)PYRENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				BENZO(B)FLUORANTHENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				BENZO(G,H,I)PERYLENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				BENZO(K)FLUORANTHENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				BIS(2-CHLOROETHOXY)METHANE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				BIS(2-CHLOROETHYL)ETHER	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				BIS(2-CHLOROISOPROPYL)ETHER	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				BIS(2-ETHYLHEXYL)PHTHALATE	.019	mg/L	U	N Y	U	U					B005-04	16:06
				BUTYLBENZYLPHthalate	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				CARBAZOLE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				CHRYSENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				DI-N-BUTYLPHthalate	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				DI-N-OCTYLPHthalate	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				DIBENZO(A,I)ANTHRACENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				DIBENZOFURAN	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				DIETHYLPHthalate	.019	mg/L	U	N Y	U	U					B005-04	16:06
				DIMETHYLPHthalate	.019	mg/L	U	N Y	U	U					B005-04	16:06
				FLUORANTHENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				FLUORENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				HEXACHLOROBENZENE	.019	mg/L	U	N Y	U	U					B005-04	16:06
				HEXACHLOROBUTADIENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				HEXACHLOROCYCLOPENTADIENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				HEXACHLOROETHANE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				INDENO(1,2,3-CD)PYRENE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				ISOPHORONE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				N-NITROSO-DI-N-PROPYLAMINE	.0097	mg/L	U	N Y	U	U					B005-04	16:06
				N-NITROSODIPHENYLAMINE	.0097	mg/L	U	N Y	U	U					B005-04	16:06

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 51 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
											1	2	3	4			
10188-03																	
TM3002	SW8270C	SW3520	N 0 .97	NAPHTHALENE	.0097	mg/L	U	N Y U U			B005-04					16:06	
				NITROBENZENE	.0097	mg/L	U	N Y U U			B005-04					16:06	
				PENTACHLOROPHENOL	.019	mg/L	U	N Y U U			B005-04					16:06	
				PHENANTHRENE	.019	mg/L	U	N Y U U			B005-04					16:06	
				PHENOL	.0097	mg/L	U	N Y U U			B005-04					16:06	
				PYRENE	.0097	mg/L	U	N Y U U			B005-04					16:06	
TM3003	SW8270C	SW3520	N 0 1	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				1,2-DICHLOROBENZENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				1,3-DICHLOROBENZENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				1,4-DICHLOROBENZENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				2,4,6-TRICHLOROPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				2,4-DICHLOROPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				2,4-DIMETHYLPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				2,4-DINITROPHENOL	.02	mg/L	U	N Y U U			B005-02					15:07	
				2,4-DINITROTOLUENE	.02	mg/L	U	N Y U U			B005-02					15:07	
				2,6-DINITROTOLUENE	.02	mg/L	U	N Y U U			B005-02					15:07	
				2-CHLORONAPHTHALENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				2-CHLOROPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				2-METHYLNAPHTHALENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				2-METHYLPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				2-NITROANILINE	.02	mg/L	U	N Y U U			B005-02					15:07	
				2-NITROPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				3,3'-DICHLOROBENZIDINE	.01	mg/L	U	N Y U U			B005-02					15:07	
				3-NITROANILINE	.01	mg/L	U	N Y U U			B005-02					15:07	
				4,6-DINITRO-2-METHYLPHENOL	.02	mg/L	U	N Y U U			B005-02					15:07	
				4-BROMOPHENYL-PHENYL ETHER	.02	mg/L	U	N Y U U			B005-02					15:07	
				4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				4-CHLOROANILINE	.01	mg/L	U	N Y U U			B005-02					15:07	
				4-CHLOROPHENYL-PHENYL ETHER	.01	mg/L	U	N Y U U			B005-02					15:07	
				4-METHYLPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				4-NITROANILINE	.01	mg/L	U	N Y U U			B005-02					15:07	
				4-NITROPHENOL	.01	mg/L	U	N Y U U			B005-02					15:07	
				ACENAPHTHENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				ACENAPHTHYLENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				ANTHRACENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				BENZO(A)ANTHRACENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				BENZO(A)PYRENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				BENZO(B)FLUORANTHENE	.01	mg/L	U	N Y U U			B005-02					15:07	
				BENZO(G,H,I)PERYLENE	.01	mg/L	U	N Y U U			B005-02					15:07	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 52 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-03																
TM3003	SW8270C	SW3520	N 0 1	BENZO(K)FLUORANTHENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				BIS(2-CHLOROETHYL)ETHER	.01	mg/L	U	N Y	U	U						B005-02 15:07
				BIS(2-CHLOROISOPROPYL)ETHER	.01	mg/L	U	N Y	U	U						B005-02 15:07
				BIS(2-ETHYLHEXYL)PHTHALATE	.02	mg/L	U	N Y	U	U						B005-02 15:07
				BUTYLBENZYLPHthalate	.01	mg/L	U	N Y	U	U						B005-02 15:07
				CARBAZOLE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				CHRYSENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				DI-N-BUTYLPHTHALATE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				DI-N-OCTYLPHTHALATE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				DIBENZO(A,H)ANTHRACENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				DIBENZOFURAN	.01	mg/L	U	N Y	U	U						B005-02 15:07
				DIETHYLPHTHALATE	.02	mg/L	U	N Y	U	U						B005-02 15:07
				DIMETHYLPHTHALATE	.02	mg/L	U	N Y	U	U						B005-02 15:07
				FLUORANTHENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				FLUORENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				HEXACHLOROBENZENE	.02	mg/L	U	N Y	U	U						B005-02 15:07
				HEXACHLOROBUTADIENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				HEXACHLOROCYCLOPENTADIENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				HEXACHLOROETHANE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				ISOPHORONE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				N-NITROSO-DI-N-PROPYLAMINE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				N-NITROSODIPHENYLAMINE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				NAPHTHALENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				NITROBENZENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
				PENTACHLOROPHENOL	.02	mg/L	U	N Y	U	U						B005-02 15:07
				PHENANTHRENE	.02	mg/L	U	N Y	U	U						B005-02 15:07
				PHENOL	.01	mg/L	U	N Y	U	U						B005-02 15:07
				PYRENE	.01	mg/L	U	N Y	U	U						B005-02 15:07
TM3004	SW8270C	SW3520	N 0 .98	1,2,4-TRICHLOROBENZENE	.0098	mg/L	U	N Y		U						B005-03 15:36
				1,2-DICHLOROBENZENE	.0098	mg/L	U	N Y		U						B005-03 15:36
				1,3-DICHLOROBENZENE	.0098	mg/L	U	N Y		U						B005-03 15:36
				1,4-DICHLOROBENZENE	.0098	mg/L	U	N Y		U						B005-03 15:36
				2,4,5-TRICHLOROPHENOL	.0098	mg/L	U	N Y		U						B005-03 15:36
				2,4,6-TRICHLOROPHENOL	.0098	mg/L	U	N Y		U						B005-03 15:36
				2,4-DICHLOROPHENOL	.0098	mg/L	U	N Y		U						B005-03 15:36
				2,4-DIMETHYLPHENOL	.0098	mg/L	U	N Y		U						B005-03 15:36
				2,4-DINITROPHENOL	.02	mg/L	U	N Y		U						B005-03 15:36
				2,4-DINITROTOLUENE	.02	mg/L	U	N Y		U						B005-03 15:36

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 53 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-03																
TM3004	SW8270C	SW3520	N 0 .98	2,6-DINITROTOLUENE	.02	mg/L	U	N Y	U		B005-03					15:36
				2-CHLORONAPHTHALENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				2-CHLOROPHENOL	.0098	mg/L	U	N Y	U		B005-03					15:36
				2-METHYLNAPHTHALENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				2-METHYLPHENOL	.0098	mg/L	U	N Y	U		B005-03					15:36
				2-NITROANILINE	.02	mg/L	U	N Y	U		B005-03					15:36
				2-NITROPHENOL	.0098	mg/L	U	N Y	U		B005-03					15:36
				3,3'-DICHLOROBENZIDINE	.0098	mg/L	U	N Y	U		B005-03					15:36
				3-NITROANILINE	.0098	mg/L	U	N Y	U		B005-03					15:36
				4,6-DINITRO-2-METHYLPHENOL	.02	mg/L	U	N Y	U		B005-03					15:36
				4-BROMOPHENYL-PHENYL ETHER	.02	mg/L	U	N Y	U		B005-03					15:36
				4-CHLORO-3-METHYLPHENOL	.0098	mg/L	U	N Y	U		B005-03					15:36
				4-CHLOROANILINE	.0098	mg/L	U	N Y	U		B005-03					15:36
				4-CHLOROPHENYL-PHENYL ETHER	.0098	mg/L	U	N Y	U		B005-03					15:36
				4-METHYLPHENOL	.0098	mg/L	U	N Y	U		B005-03					15:36
				4-NITROANILINE	.0098	mg/L	U	N Y	U		B005-03					15:36
				4-NITROPHENOL	.0098	mg/L	U	N Y	U		B005-03					15:36
				ACENAPHTHENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				ACENAPHTHYLENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				ANTHRACENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				BENZO(A)ANTHRACENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				BENZO(A)PYRENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				BENZO(B)FLUORANTHENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				BENZO(G,H,I)PERYLENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				BENZO(K)FLUORANTHENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				BIS(2-CHLOROETHOXY)METHANE	.0098	mg/L	U	N Y	U		B005-03					15:36
				BIS(2-CHLOROETHYL)ETHER	.0098	mg/L	U	N Y	U		B005-03					15:36
				BIS(2-CHLOROISOPROPYL)ETHER	.0098	mg/L	U	N Y	U		B005-03					15:36
				BIS(2-ETHYLHEXYL)PHTHALATE	.02	mg/L	U	N Y	U		B005-03					15:36
				BUTYLBENZYLPHTHALATE	.0098	mg/L	U	N Y	U		B005-03					15:36
				CARBAZOLE	.0098	mg/L	U	N Y	U		B005-03					15:36
				CHRYSENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				DI-N-BUTYLPHTHALATE	.0098	mg/L	U	N Y	U		B005-03					15:36
				DI-N-OCTYLPHTHALATE	.0098	mg/L	U	N Y	U		B005-03					15:36
				DIBENZO(A,H)ANTHRACENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				DIBENZOFURAN	.0098	mg/L	U	N Y	U		B005-03					15:36
				DIETHYLPHTHALATE	.02	mg/L	U	N Y	U		B005-03					15:36
				DIMETHYLPHTHALATE	.02	mg/L	U	N Y	U		B005-03					15:36
				FLUORANTHENE	.0098	mg/L	U	N Y	U		B005-03					15:36
				FLUORENE	.0098	mg/L	U	N Y	U		B005-03					15:36

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 54 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-03																
TM3004	SW8270C	SW3520	N 0 .98	HEXACHLOROBENZENE	.02	mg/L	U	N Y	U						B005-03	15:36
				HEXACHLOROBUTADIENE	.0098	mg/L	U	N Y	U						B005-03	15:36
				HEXACHLOROCYCLOPENTADIENE	.0098	mg/L	U	N Y	U						B005-03	15:36
				HEXACHLOROETHANE	.0098	mg/L	U	N Y	U						B005-03	15:36
				INDENO(1,2,3-CD)PYRENE	.0098	mg/L	U	N Y	U						B005-03	15:36
				ISOPHORONE	.0098	mg/L	U	N Y	U						B005-03	15:36
				N-NITROSO-DI-N-PROPYLAMINE	.0098	mg/L	U	N Y	U						B005-03	15:36
				N-NITROSODIPHENYLAMINE	.0098	mg/L	U	N Y	U						B005-03	15:36
				NAPHTHALENE	.0098	mg/L	U	N Y	U						B005-03	15:36
				NITROBENZENE	.0098	mg/L	U	N Y	U						B005-03	15:36
				PENTACHLOROPHENOL	.02	mg/L	U	N Y	U						B005-03	15:36
				PHENANTHRENE	.02	mg/L	U	N Y	U						B005-03	15:36
				PHENOL	.0098	mg/L	U	N Y	U						B005-03	15:36
				PYRENE	.0098	mg/L	U	N Y	U						B005-03	15:36
TM3006	SW8270C	SW3520	N 0 1	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				1,2-DICHLOROBENZENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				1,3-DICHLOROBENZENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				1,4-DICHLOROBENZENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				2,4,6-TRICHLOROPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				2,4-DICHLOROPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				2,4-DIMETHYLPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				2,4-DINITROPHENOL	.02	mg/L	U	N Y	U	U					A191-03	18:44
				2,4-DINITROTOLUENE	.02	mg/L	U	N Y	U	U					A191-03	18:44
				2,6-DINITROTOLUENE	.02	mg/L	U	N Y	U	U					A191-03	18:44
				2-CHLORONAPHTHALENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				2-CHLOROPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				2-METHYLNAPHTHALENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				2-METHYLPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				2-NITROANILINE	.02	mg/L	U	N Y	U	U					A191-03	18:44
				2-NITROPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				3,3'-DICHLOROBENZIDINE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				3-NITROANILINE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				4,6-DINITRO-2-METHYLPHENOL	.02	mg/L	U	N Y	U	U					A191-03	18:44
				4-BROMOPHENYL-PHENYL ETHER	.02	mg/L	U	N Y	U	U					A191-03	18:44
				4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				4-CHLOROANILINE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				4-CHLOROPHENYL-PHENYL ETHER	.01	mg/L	U	N Y	U	U					A191-03	18:44
				4-METHYLPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				4-NITROANILINE	.01	mg/L	U	N Y	U	U					A191-03	18:44

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 55 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-03																
TM3006	SW8270C	SW3520	N 0 1	4-NITROPHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				ACENAPHTHENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				ACENAPHTHYLENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				ANTHRACENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				BENZO(A)ANTHRACENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				BENZO(A)PYRENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				BENZO(B)FLUORANTHENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				BENZO(G,H,I)PERYLENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				BENZO(K)FLUORANTHENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				BIS(2-CHLOROETHYL)ETHER	.01	mg/L	U	N Y	U	U					A191-03	18:44
				BIS(2-CHLOROISOPROPYL)ETHER	.01	mg/L	U	N Y	U	U					A191-03	18:44
				BIS(2-ETHYLHEXYL)PHTHALATE	.02	mg/L	U	N Y	U	U					A191-03	18:44
				BUTYLBENZYLPHthalate	.01	mg/L	U	N Y	U	U					A191-03	18:44
				CARBAZOLE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				CHRYSENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				DI-N-BUTYLPHTHALATE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				DI-N-OCTYLPHTHALATE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				DIBENZO(A,H)ANTHRACENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				DIBENZOFURAN	.01	mg/L	U	N Y	U	U					A191-03	18:44
				DIETHYLPHthalate	.02	mg/L	U	N Y	U	U					A191-03	18:44
				DIMETHYLPHthalate	.02	mg/L	U	N Y	U	U					A191-03	18:44
				FLUORANTHENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				FLUORENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				HEXACHLOROBENZENE	.02	mg/L	U	N Y	U	U					A191-03	18:44
				HEXACHLOROBUTADIENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				HEXACHLOROCYCLOPENTADIENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				HEXACHLOROETHANE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				ISOPHORONE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				N-NITROSO-DI-N-PROPYLAMINE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				N-NITROSODIPHENYLAMINE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				NAPHTHALENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				NITROBENZENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
				PENTACHLOROPHENOL	.02	mg/L	U	N Y	U	U					A191-03	18:44
				PHENANTHRENE	.02	mg/L	U	N Y	U	U					A191-03	18:44
				PHENOL	.01	mg/L	U	N Y	U	U					A191-03	18:44
				PYRENE	.01	mg/L	U	N Y	U	U					A191-03	18:44
TM3001	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N Y	U	U					B018-04	08:10
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N Y	U	U					B018-04	08:10

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 56 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:		
											1	2	3	4	Lab Sample:		
10188-03																	
TM3001	SW8260B	SW5030	N 0 1	1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,1-DICHLOROETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,1-DICHLOROETHENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,1-DICHLOROPROPENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N Y	U	R	04A	05A				B018-04	08:10
				1,2-DIBROMOETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,2-DICHLOROBENZENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,2-DICHLOROETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,2-DICHLOROPROPANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,3-DICHLOROBENZENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,3-DICHLOROPROPANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				1,4-DICHLOROBENZENE	.005	mg/L	U	N Y	U	U						B018-04	08:10
				2,2-DICHLOROPROPANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				2-BUTANONE	.01	mg/L	U	N Y	U	R	04A	05A				B018-04	08:10
				2-CHLOROTOLUENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				2-HEXANONE	.01	mg/L	U	N Y	U	R	04A	05A				B018-04	08:10
				4-CHLOROTOLUENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				4-METHYL-2-PENTANONE	.01	mg/L	U	N Y	U	R	04A	05A				B018-04	08:10
				ACETONE	.01	mg/L	U	N Y	U	R	04A	05A	05B			B018-04	08:10
				BENZENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				BROMOBENZENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				BROMOCHLOROMETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				BROMODICHLOROMETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				BROMOFORM	.001	mg/L	U	N Y	U	U						B018-04	08:10
				BROMOMETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				CARBON DISULFIDE	.001	mg/L	U	N Y	U	R	04A	05A				B018-04	08:10
				CARBON TETRACHLORIDE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				CHLOROBENZENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				CHLOROETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				CHLOROFORM	.001	mg/L	U	N Y	U	U						B018-04	08:10
				CHLOROMETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y	U	U						B018-04	08:10
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N Y	U	U						B018-04	08:10

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 57 of 63

Sample Number:	Analytical/Extraction Method: Flt REX Dil: Parameter:				Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	1	2	3	4								1	2	3	4			
10188-03																		
TM3001	SW8260B	SW5030	N 0 1	DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U	06A 06D 15	B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				METHYLENE CHLORIDE	.00036	mg/L	JB	Y	Y	F	B		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				O-XYLENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				STYRENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				TOLUENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U		B018-04	B018-04	B018-04	B018-04	B018-04	08:10
TM3002	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U	04A 05A	B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U		B005-04	B005-04	B005-04	B005-04	B005-04	08:46

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 58 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-03																
TM3002	SW8260B	SW5030	N 0 I	1,3-DICHLOROPROPANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				1,4-DICHLOROBENZENE	.005	mg/L	U	N Y	U	U					B005-04	08:46
				2,2-DICHLOROPROPANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				2-BUTANONE	.01	mg/L	U	N Y	U	R	04A	05A			B005-04	08:46
				2-CHLOROTOLUENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				2-HEXANONE	.01	mg/L	U	N Y	U	R	04A	05A			B005-04	08:46
				4-CHLOROTOLUENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				4-METHYL-2-PENTANONE	.01	mg/L	U	N Y	U	R	04A	05A			B005-04	08:46
				ACETONE	.01	mg/L	U	N Y	U	R	04A	05A	05B		B005-04	08:46
				BENZENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				BROMOBENZENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				BROMOCHLOROMETHANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				BROMODICHLOROMETHANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				BROMOFORM	.001	mg/L	U	N Y	U	U					B005-04	08:46
				BROMOMETHANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				CARBON DISULFIDE	.0018	mg/L		Y Y	P	J	04A	05A			B005-04	08:46
				CARBON TETRACHLORIDE	.00032	mg/L	J	Y Y	P	J	15				B005-04	08:46
				CHLOROBENZENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				CHLOROETHANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				CHLOROFORM	.001	mg/L	U	N Y	U	U					B005-04	08:46
				CHLOROMETHANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				DIBROMOMETHANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				ETHYLBENZENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				HEXACHLOROBUTADIENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				ISOPROPYL BENZENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				M/P-XYLENES	.002	mg/L	U	N Y	U	U					B005-04	08:46
				METHYLENE CHLORIDE	.00035	mg/L	JB	Y Y	F	B	06A	06D	15		B005-04	08:46
				N-BUTYLBENZENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				N-PROPYLBENZENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				NAPHTHALENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				O-XYLENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				P-ISOPROPYL TOLUENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				SEC-BUTYLBENZENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				STYRENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				TERT-BUTYLBENZENE	.001	mg/L	U	N Y	U	U					B005-04	08:46
				TETRACHLOROETHENE	.001	mg/L	U	N Y	U	U					B005-04	08:46

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 59 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
											1	2	3	4			
10188-03																	
TM3002	SW8260B	SW5030	N 0 1	TOLUENE	.001	mg/L	U	N Y U U			B005-04					08:46	
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y U U			B005-04					08:46	
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y U U			B005-04					08:46	
				TRICHLOROETHENE	.001	mg/L	U	N Y U U			B005-04					08:46	
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N Y U U			B005-04					08:46	
				VINYL CHLORIDE	.001	mg/L	U	N Y U U			B005-04					08:46	
TM3003	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,1-DICHLOROETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,1-DICHLOROETHENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,1-DICHLOROPROPENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N Y U R		04A 05A	B005-02					04:32	
				1,2-DIBROMOETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,2-DICHLOROBENZENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,2-DICHLOROETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,2-DICHLOROPROPANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,3-DICHLOROBENZENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,3-DICHLOROPROPANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				1,4-DICHLOROBENZENE	.005	mg/L	U	N Y U U			B005-02					04:32	
				2,2-DICHLOROPROPANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				2-BUTANONE	.01	mg/L	U	N Y U R		04A 05A	B005-02					04:32	
				2-CHLOROTOLUENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				2-HEXANONE	.01	mg/L	U	N Y U R		04A 05A	B005-02					04:32	
				4-CHLOROTOLUENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				4-METHYL-2-PENTANONE	.01	mg/L	U	N Y U R		04A 05A	B005-02					04:32	
				ACETONE	.01	mg/L	U	N Y U R		04A 05A 05B	B005-02					04:32	
				BENZENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				BROMOBENZENE	.001	mg/L	U	N Y U U			B005-02					04:32	
				BROMOCHLOROMETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				BROMODICHLOROMETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				BROMOFORM	.001	mg/L	U	N Y U U			B005-02					04:32	
				BROMOMETHANE	.001	mg/L	U	N Y U U			B005-02					04:32	
				CARBON DISULFIDE	.001	mg/L	U	N Y U R		04A 05A	B005-02					04:32	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 60 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
											1	2	3	4			
10188-03																	
TM3003	SW8260B	SW5030	N 0 1	CARBON TETRACHLORIDE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				CHLOROBENZENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				CHLOROETHANE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				CHLOROFORM	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				CHLOROMETHANE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				DIBROMOMETHANE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				ETHYLBENZENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				HEXACHLOROBUTADIENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				ISOPROPYL BENZENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				M/P-XYLENES	.002	mg/L	U	N Y	U	U					B005-02	04:32	
				METHYLENE CHLORIDE	.00051	mg/L	JB	Y Y	F	B	06A	06D	15		B005-02	04:32	
				N-BUTYLBENZENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				N-PROPYLBENZENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				NAPHTHALENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				O-XYLENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				SEC-BUTYLBENZENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				STYRENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				TERT-BUTYLBENZENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				TETRACHLOROETHENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				TOLUENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				TRICHLOROETHENE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
				VINYL CHLORIDE	.001	mg/L	U	N Y	U	U					B005-02	04:32	
TM3004	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N Y		U					B005-03	09:22	
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N Y		U					B005-03	09:22	
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N Y		U					B005-03	09:22	
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N Y		U					B005-03	09:22	
				1,1-DICHLOROETHANE	.001	mg/L	U	N Y		U					B005-03	09:22	
				1,1-DICHLOROETHENE	.001	mg/L	U	N Y		U					B005-03	09:22	
				1,1-DICHLOROPROPENE	.001	mg/L	U	N Y		U					B005-03	09:22	
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N Y		U					B005-03	09:22	
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N Y		U					B005-03	09:22	
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N Y		U					B005-03	09:22	

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 61 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
											1	2	3	4			
10188-03																	
TM3004	SW8260B	SW5030	N 0 1	1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N Y	U							B005-03	09:22
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N Y	R		04A 05A					B005-03	09:22
				1,2-DIBROMOETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				1,2-DICHLOROBENZENE	.001	mg/L	U	N Y	U							B005-03	09:22
				1,2-DICHLOROETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				1,2-DICHLOROPROPANE	.001	mg/L	U	N Y	U							B005-03	09:22
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N Y	U							B005-03	09:22
				1,3-DICHLOROBENZENE	.001	mg/L	U	N Y	U							B005-03	09:22
				1,3-DICHLOROPROPANE	.001	mg/L	U	N Y	U							B005-03	09:22
				1,4-DICHLOROBENZENE	.005	mg/L	U	N Y	U							B005-03	09:22
				2,2-DICHLOROPROPANE	.001	mg/L	U	N Y	U							B005-03	09:22
				2-BUTANONE	.01	mg/L	U	N Y	R		04A 05A					B005-03	09:22
				2-CHLOROTOLUENE	.001	mg/L	U	N Y	U							B005-03	09:22
				2-HEXANONE	.01	mg/L	U	N Y	R		04A 05A					B005-03	09:22
				4-CHLOROTOLUENE	.001	mg/L	U	N Y	U							B005-03	09:22
				4-METHYL-2-PENTANONE	.01	mg/L	U	N Y	R		04A 05A					B005-03	09:22
				ACETONE	.01	mg/L	U	N Y	R		04A 05A 05B					B005-03	09:22
				BENZENE	.001	mg/L	U	N Y	U							B005-03	09:22
				BROMOBENZENE	.001	mg/L	U	N Y	U							B005-03	09:22
				BROMOCHLOROMETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				BROMODICHLOROMETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				BROMOFORM	.001	mg/L	U	N Y	U							B005-03	09:22
				BROMOMETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				CARBON DISULFIDE	.001	mg/L	U	N Y	R		04A 05A					B005-03	09:22
				CARBON TETRACHLORIDE	.001	mg/L	U	N Y	U							B005-03	09:22
				CHLOROBENZENE	.001	mg/L	U	N Y	U							B005-03	09:22
				CHLOROETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				CHLOROFORM	.001	mg/L	U	N Y	U							B005-03	09:22
				CHLOROMETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y	U							B005-03	09:22
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y	U							B005-03	09:22
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				DIBROMOMETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N Y	U							B005-03	09:22
				ETHYLBENZENE	.001	mg/L	U	N Y	U							B005-03	09:22
				HEXACHLOROBUTADIENE	.001	mg/L	U	N Y	U							B005-03	09:22
				ISOPROPYL BENZENE	.001	mg/L	U	N Y	U							B005-03	09:22
				M/P-XYLENES	.002	mg/L	U	N Y	U							B005-03	09:22
				METHYLENE CHLORIDE	.00027	mg/L	JB	Y Y	B		06A 06C 15					B005-03	09:22
				N-BUTYLBENZENE	.001	mg/L	U	N Y	U							B005-03	09:22

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 62 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Analysis Time:	
											1	2	3	4	Lab Sample:	
10188-03																
TM3004	SW8260B	SW5030	N 0 1	N-PROPYLBENZENE	.001	mg/L	U	N Y	U						B005-03	09:22
				NAPHTHALENE	.001	mg/L	U	N Y	U						B005-03	09:22
				O-XYLENE	.001	mg/L	U	N Y	U						B005-03	09:22
				P-ISOPROPYLtolUENE	.001	mg/L	U	N Y	U						B005-03	09:22
				SEC-BUTYLBENZENE	.001	mg/L	U	N Y	U						B005-03	09:22
				STYRENE	.001	mg/L	U	N Y	U						B005-03	09:22
				TERT-BUTYLBENZENE	.001	mg/L	U	N Y	U						B005-03	09:22
				TETRACHLOROETHENE	.001	mg/L	U	N Y	U						B005-03	09:22
				TOLUENE	.001	mg/L	U	N Y	U						B005-03	09:22
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y	U						B005-03	09:22
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y	U						B005-03	09:22
				TRICHLOROETHENE	.001	mg/L	U	N Y	U						B005-03	09:22
				TRICHLOROFUOROMETHANE	.001	mg/L	U	N Y	U						B005-03	09:22
				VINYL CHLORIDE	.001	mg/L	U	N Y	U						B005-03	09:22
TM3006	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,1-DICHLOROETHANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,1-DICHLOROETHENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,1-DICHLOROPROPENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N Y	U	R	04A	05A			A191-03	09:58
				1,2-DIBROMOETHANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,2-DICHLOROBENZENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,2-DICHLOROETHANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,2-DICHLOROPROpane	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,3-DICHLOROBENZENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,3-DICHLOROPROPANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				1,4-DICHLOROBENZENE	.005	mg/L	U	N Y	U	U					A191-03	09:58
				2,2-DICHLOROPROPANE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				2-BUTANONE	.01	mg/L	U	N Y	U	R	04A	05A			A191-03	09:58
				2-CHLOROTOLUENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				2-HEXANONE	.01	mg/L	U	N Y	U	R	04A	05A			A191-03	09:58
				4-CHLOROTOLUENE	.001	mg/L	U	N Y	U	U					A191-03	09:58
				4-METHYL-2-PENTANONE	.01	mg/L	U	N Y	U	R	04A	05A			A191-03	09:58

Validation Qualifier Data Entry Verification

Run Date: July 31, 2002

Fort McClellan

Page: 63 of 63

Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
10188-03																
TM3006	SW8260B	SW5030	N 0 1	ACETONE	.01	mg/L	U	N Y U	R		04A	05A	05B		A191-03	09:58
				BENZENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				BROMOBENZENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				BROMOCHLOROMETHANE	.001	mg/L	U	N Y U	U						A191-03	09:58
				BROMODICHLOROMETHANE	.001	mg/L	U	N Y U	U						A191-03	09:58
				BROMOFORM	.001	mg/L	U	N Y U	U						A191-03	09:58
				BROMOMETHANE	.001	mg/L	U	N Y U	U						A191-03	09:58
				CARBON DISULFIDE	.001	mg/L	U	N Y U	R		04A	05A			A191-03	09:58
				CARBON TETRACHLORIDE	.001	mg/L	U	N Y U	U						A191-03	09:58
				CHLOROBENZENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				CHLOROETHANE	.001	mg/L	U	N Y U	U						A191-03	09:58
				CHLOROFORM	.001	mg/L	U	N Y U	U						A191-03	09:58
				CHLOROMETHANE	.001	mg/L	U	N Y U	U						A191-03	09:58
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N Y U	U						A191-03	09:58
				DIBROMOMETHANE	.001	mg/L	U	N Y U	U						A191-03	09:58
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N Y U	U						A191-03	09:58
				ETHYLBENZENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				HEXACHLOROBUTADIENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				ISOPROPYL BENZENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				M/P-XYLENES	.002	mg/L	U	N Y U	U						A191-03	09:58
				METHYLENE CHLORIDE	.00028	mg/L	JB	Y Y F	B		06A	06D	15		A191-03	09:58
				N-BUTYLBENZENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				N-PROPYLBENZENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				NAPHTHALENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				O-XYLENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				P-ISOPROPYLtoluene	.001	mg/L	U	N Y U	U						A191-03	09:58
				SEC-BUTYLBENZENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				STYRENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				TERT-BUTYLBENZENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				TETRACHLOROETHENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				TOLUENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				TRICHLOROETHENE	.001	mg/L	U	N Y U	U						A191-03	09:58
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N Y U	U						A191-03	09:58
				VINYL CHLORIDE	.001	mg/L	U	N Y U	U						A191-03	09:58